APPENDIX A

ABBREVIATIONS

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ABBREVIATIONS

AAP   Attack Assessment Program

ADP   Automated Data Processing

AOR   area of operation

ASCII   American Standard Code for Information Interchange

BCN   Base Complex Number

CEF   civil engineering files

CESP   Civil Engineering Support Plan

CESPG   Civil Engineering Support Plan Generator

CINC   Commanders-in-Chief

COA   course of action

COE   Common Operating Environment

COTS   commercial off-the-shelf

CSM   Computer System Manual

CYST CD   Country/State Code

DESU   Deployed Eng Sensitive Unit

DOD   Department of Defense

DSSO   Defense Systems Support Organization

GCCS   Global Command and Control System

GEO   GEOLOC

GEOLOC   geographical locations

GUI   graphical user interface

HN   Host Nation

HNS	Host Nation Support
IAW	In Accordance With
JDSSC	Joint Data Systems Support Center
JEPES	Joint Engineer Planning and Execution System
JOPES	Joint Operation Planning and Execution System
JOPS	Joint Operation Planning System
JS	Joint Staff
LAD	Latest Arrival Date
LOGSAFE	Logistics Sustainment Analysis and Feasibility Estimator
LSA	Logistics Sustainability Analysis
MB	megabyte
M-Day	Mobilization Day
MTONS	Measurement Tons
NUC	Non-Unit Cargo
OPLAN	Operation Plan
PAX	private automatic exchange
PC	personal computer
PL	Procedural Language
POD	Port of Debarkation
POE	Port of Embarkation
POL	petroleum, oil and lubricants
RCD	Required Completion Date
RDBMS	Relational Database Management System
RPI	Real-Property Inventory

S&M	scheduling and movement
SQL	Structured Query Language
STONS	Short Tons
TOE	Table of Organization and Equipment
TOTPOP	Total Population
TPFDD	Time-Phased Force and Deployment Data
TUCHA	Type Unit Characteristics File
TUG	Terminal Users Guide
UIC	Unit Identification Code
ULC	Unit Level Code
ULN	Unit Line Number
UM	Users Manual
U.S.	United States
UTC	Unit Type Code
WWMCCS	Worldwide Military Command and Control System

APPENDIX B

TERMS

APPENDIX B

TERMS

Asset	The JCS category code aggregation of real property at a base complex.
Austere Component	The smallest component to satisfy a requirement.
Base Complex	A group of geographically related installations mutually supportive of a single operational mission, developed by planner review of designated geographical locations (GEOLOC), and the existing base facilities at those locations.
Beddown Project	The most expedient means of satisfying a facility requirement.
Component	Specified materials and manhours (by horizontal, vertical, and other skill types) used in the construction of facilities.
C-DAY	The day deployment movement begins.
Emergency Repair	Temporary repairs necessitated by war damage to facilities. Performed the day on which war damage occurs and required restoration according to a date specified on the Component file.
Follow-on Project	Project to permanently replace a beddown project or to restore an emergency repair project.
Geoloc	Geographic location of a facility asset or unit destination.
H-DAY	The day hostilities start.
Horizontal Engineer	Engineer responsible for constructing horizontal objects such as roads, railroads, runways, and bridges.
JEPES_PRINT_KEEP	A UNIX environment variable used to define whether files printed by JEPES should be kept after printing or deleted. Acceptable values are: K or k -- Keep D or d -- Delete
JEPES_USER_DIR	A UNIX environment variable used to define the directory path where the JEPES user's subdirectories and files are located.
New Construction	New Facility built to satisfy a requirement necessary for an arriving or in theater unit.

Non-Unit Cargo	The equipment and supplies requiring transportation to an area of operations, other than those identified as the unit equipment or accompanying supplies of a specific unit.
Measurement Tons	The volume or cubical space of a component.
Planning Factor	Amount of specific facility (or utility service) to be provided per person, base, vehicle, aircraft, or other unit of measure.
Project	A facility construction or repair task resulting from an insufficient level of an available facility asset on a specific base.
Requirement	Necessity for a facility. May be totally or partially satisfied by an existing facility. An unsatisfied requirement is converted to a project by the assignment of an appropriate component.
Restoration Project	Permanent repairs to a war-damaged facility.
Short Tons	The actual weight of a component.
Unit Type Code	Categorizes the types of units that compose the OPLAN force list.
Vertical Engineer	Engineer responsible for constructing vertical objects such as buildings and towers.

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APPENDIX C

ERROR MESSAGES

APPENDIX C

ERROR MESSAGES

There are many error messages generated by the JEPES Ada software. An attempt is made to list some of these errors and a possible method of action to solving the problem. The solutions provided can be only a guide, since only the user would know what data and options were used and could better understand what course of action to take. As mentioned in Section 5.4, the errors listed are in the errors file only and would be the first error that gets logged. The remaining errors are the same error being propagated up through the Ada code. Section 5.4 contains some examples of error files and more information concerning error and warning messages.

Note: Many errors would be considered "internal error messages and should not normally be issued." For these errors, a user should contact the JEPES project officer.

Problem reports and requests for assistance should be submitted in writing to the DISA at the following address:

> Defense Information Systems Agency (DISA)
> Center for Software
> ATTN: JEXNCP
> JEPES Project Officer
> 5600 Columbia Pike
> Falls Church, VA 22041

Errors have been divided into general and specific categories. Specific errors will tell the user such information as which table and/or element is in error. General errors state that a table (or file, etc.) is in error but does not state the table name. However, error messages list the name of the Ada routine where the error had occurred. This information **may** help the user. For example, Figure 5.4-1 shows Operation_View as the Ada routine where the error first occurred. Therefore, the error is with the Operation table.

Note: Database Analysis function should be executed before running Requirements Generation and other JEPES functions. This will reduce/eliminate some of the following errors.

GENERAL ERRORS

Undefined Errors:

1.   Undefined Processing Error
                Internal error message and should not normally be issued.

File Errors:

1.   Data Value Error
           Error accessing a JEPES database table. Check tables's data.

2.   Error Could Not Be Logged In Error File
           Internal error message and should not normally be issued.

3.   File Device Error
           Internal error message and should not normally be issued.

4.   File Is Already Open
           Internal error message and should not normally be issued. Cancel job and rerun.

5.   File Is Not Open
           Internal error message and should not normally be issued. Cancel job and rerun.

6.   File Usage Error
           Internal error message and should not normally be issued.

7.   Filename Is Invalid
           Internal error message and should not normally be issued.

8.   Improper Usage of Procedure
           Internal error message and should not normally be issued.

9.   Incorrect Usage of Function, Check Precondition
           Internal error message and should not normally be issued.

10.   Insufficient Memory
           Storage error while retrieving information from a JEPES table. PC may not have sufficient memory to access the JEPES table. While at the DOS prompt, type "MEM" to determine the PC's available memory. JEPES needs a minimum of 517 kb of memory to run. To increase memory, a user can remove extraneous background programs. Also, refer to Appendix G, JEPES Installation Procedure, for information on increasing the PC's conventional memory.

11.   Unidentified Processing Error
           Internal error message and should not normally be issued.

Ada Errors:

1.   Program Error
           Internal message and should not normally be issued.

2.   Constraint Error
           Value is out-of-range. Check input data.

ORACLE Database Errors:

1.   Cannot Return Number of Rows
             Error returning the number of rows from a JEPES table. Use SQL*Plus to determine the number of rows in the table.

2.   General Conversion Error
             Error accessing the data in the JEPES ORACLE database. Check the data in the table.

3.   Invalid Open Parameter
             Invalid data in a JEPES table.

4.   ORA-XXXX - ORACLE Database Error
             Error accessing JEPES ORACLE database. Refer to the ORACLE Error Messages and Codes Manual.

5.   Table Has Changed
             A JEPES table's description; i.e., table's rows and columns, has changed. Use SQL*Plus to verify that the columns and rows had not changed.

6.   View Already Open
             Error accessing the data in the JEPES ORACLE database. Exit JEPES and reinitialize by following the steps in Section 3.1.

SPECIFIC ERRORS

Data Errors:

1.   Cannot Adjust Daily Manhours Available for Class X Start Day XXX End Day XXX
             Invalid value for Max Avail Manhours Per Day in Engineering_Support table.

2.   Cannot Adjust Quantity Available for Class X
             Error determining Facility Quantity using Engineering_Support table. This error occurs when applying host nation resources to unscheduled projects.

3.   Computation Error While Processing BCN XX
             Error accessing the Base_Complex table. Verify data in the table.

4.   Computation Error While Processing Region XX
             Error accessing the Climatic_Factor table. Verify data in the table.

5.   Computation Error While Processing Service X and Day XXX
             Error determining engineering capabilities. Verify service and day in the following tables: Engineer_Unit_Capability table, Phase_In_Efficiency table, Attrition_Factor table, and Climatic_Factor table.

6.   Component Size Cannot Be Zero
        Service component size in Component table is set to zero. Update service component size in
        Component table to a value greater than zero.

7.   Constraint Error Raised While Processing Day XXX
        Error determining engineering capabilities. Verify data in Deployed_Eng_Sensitive_Unit
        table and Engineering_Unit_Capability table.

8.   Constraint Error Raised While Processing Day XXX and Phase-In Day XXX
        Error determining engineering capabilities. Verify input added to Engineer Phase-In
        Efficiency in Requirements Analysis function.

9.   Constraint Error While Initializing Engineers Array
        Error attempting to initialize the actual hours horizontal, actual hours vertical, and actual
        hours other in the Construction_Capability table. Verify data in the table.

10.   Constraint Error While Processing Region XX
        Error accessing the Climatic_Factor table. Verify data in the table.

11.   Constraint Error While Retrieving from Engineers Array
        Error accessing engineer information from Construction_Capability table.

12.   Construction Policy Code Not Found for Base Complex Nbr: XX and Facility Category Code:
      XXXX
        Invalid Construction Policy code in Base_Facility_Construction_Policy table.

13.   Data Are Not Resident for BCN = XX
        BCN is not the current BCN in Project table.

14.   Error Applying Attrition for Day XXX and Service X
        Error applying attrition per day for each engineer skill. Check time periods and percentages
        for assessing engineer attrition entered at the Engineer Attrition screen.

15.   Error Calculating Attrition Dates
        Error determining the first and last day to assess personnel attrition. Check time periods
        entered at the Engineer Attrition screen.

16.   Error Computing Loss for Day XXX and Service X
        Error determining the capability loss per day for each engineer skill. Check time periods and
        percentages for engineer attrition entered at the Engineer Attrition screen.

17.   Error Computing Replacement for Day XXX and Service X
        Error determining the personnel replacement per day for each engineer skill. Check time
        periods and percentages for engineer attrition entered at the Engineer Attrition Screen.

18.   Facility Category Code Not Found XXXX
        Facility Category code not found in Facility_Category table.

19.   Invalid Asset Source Indicator

        Asset source needs to be determined. Asset source can be U.S. host nation and/or facility substitution. Refer to Section 5.3.2 for new OPLAN, and follow the instructions if this is a new OPLAN. Otherwise, try one of the following two solutions. While in JEPES go to the Apply Assets screen and enter the assets to apply (U.S. Facility Assets, HN Facility Assets, Facility Asset Substitution). Press F5 to store parameters only and then rerun the job. The other solution is to update Asset Source Indicator in the Operation table.

20.   Invalid Austere Component Value: X

        Invalid austere component in Component table.

21.   Invalid Construction Policy Code Value

        Invalid Construction Policy code Value in Base_Complex table or Base_Facility_Construction_Policy table (1-4 are valid codes). See Appendix H, Table H-2.

22.   Internal Error - Position Exceeds Last Facility

        Error accessing Facility_Category table.

23.   Invalid Facility Priority

        Invalid facility priority in Project table ('C,' 'E,' or 'N' are valid priorities). See Appendix H, Table H-5.

24.   Invalid Force Utilization

        Engineering force utilization indicator needs to be determined. Refer to Section 5.3.2 for new OPLAN and follow the instructions if this is a new OPLAN. Otherwise, try one of the following two solutions. While in JEPES go to the Eng Force Utilization option in Requirements Analysis and enter whether to use Regional or Base Only. The other solution is to update engineering force uilization indicator in Operation table.

25.   Invalid Fractionable Value: X

        Invalid Fractionable in Component table ('W,' or 'F' are valid values). See Appendix H, Table H-6.

26.   Invalid LSA Code

        Invalid LSA Code in LSA_Export table. See Appendix H, Table H-8.

27.   Invalid Percent To Be Shipped Data

        Pct Shipped in Facility Category table is invalid.

28.   Invalid Planning Factor Value: XXXXXX

        Invalid planning factor type in General_Planning_Factor table. See Appendix H, Table H-9.

29.   Invalid Priority

Invalid facility priority in Plan_Facility_Construction_Policy table ('C,' 'E,' or 'N' are valid priorities). See Appendix H, Table H-5.

30.   Invalid Project Class

Invalid facility project class in Plan_Facility_Construction_Policy table or Project table. See Appendix H, Table H-7.

31.   Invalid Self Sustainability Code Value: X

Invalid Self Sustainability code in Unit_Type table ('C,' 'V,' or 'N' are valid codes). See Appendix H.

32.   Invalid Service Code

Invalid Service code in Construction_Capability table, Deployed_Eng_Sensitive_Unit table, Equipment_Planning_Factor table, Facility_Requirement table, General_Planning_Factor table, Project table, Unit_Equipment table or Unit_Type table. See Appendix H, Table H-14.

33.   Invalid Service Code Value: X

Invalid Service code in Component table. See Appendix H, Table H-14.

34.   Invalid Using Service Code: X

Invalid using service in Planner_Input_Requirement table. See Appendix H, Table H-14.

35.   Invalid Value for Base Owner

Invalid value in Base_Complex table.

36.   Invalid Value in Rear Echelon Storage Base

Verify the rear echelon sorage bases in the Backup_Supply table.

37.   Invalid Value in Support Structure Index

Verify the support structure index in the JEPES table that was accessed. Support structure index is in the tables: Backup_Supply, Equipment_Planning_Factor and General_Planning_Factor.

38.   Maximum Number of Equipment Planning Factor Rows is : XX. Current Number of Equipment Planning Factor Rows is : XXX

Number of records in Equipment_Planning table exceeds 75.

39.   Maximum Number of Facility Component Rows is = XX. Current Number of Facility Component Rows = 40.

Facility_Component table contains more than 40 records. Reduce number of records in table.

40.   Maximum Number of General Planning Factor Rows is : XX. Current Number of General Planning Factor Rows is : XXX
             Number of records in General_Planning table exceeds 75.

41.   Negative Climatic Factor
             Negative Climatic Adjustment in Climatic_Factor table.

42.   No Components Existed for the Component Codes Given
             No component record exists for a given service code and service component code.

43.   No Engineering Capability Data at BCN XX
             No construction capability record for that BCN.

44.   No Engineering Units Exist
             Error attempting to initialize the actual hours horizontal, actual hours vertical, and actual hours other in the Construction_Capability table. Verify data in the table.

45.   No Facilities for UTC
             Error accessing records Facility_Requirement table. Table may be empty.

46.   No Facility Category Records Found
             No records exist in Facility_Category table.

47.   No LOGSAFE Records Found
             No records found in LOGSAFE_Interface table.

48.   No LSA Records Found
             No records found in LSA_Export table.

49.   No Operations Records in Database
             No records exist in the Operation table.

50.   Null Constructing Service Is Not Allowed
             Constructing service in Project table, Scheduled_Project table, or Unscheduled_Project table cannot be set to null.

51.   Null Using Service Is Not Allowed
             Using service in Project table, Scheduled_Project table, or Unscheduled_Project table cannot be set to null.

52.   Processing Error While Processing Service X and Day XXX
             Error determining engineering capabilities. Verify the following tables: Engineer_Unit_Capability table, Phase_In_Efficiency table, Attrition_Factor table, and Climatic_Factor table.

53.   Specified Component Not Found
             No component record exists for a given service code and service component code.

54.   Too Many Engineering Unit Capability Records -- Maximum is 150
           Engineering_Unit_Capability table contains too many records for the Ada code to handle.
           Reduce record size to 150.

55.   Undefined Processing Error Initializing Base Data for BCN
           Error accessing the Base_Complex table. Verify data in the table.

56.   Undefined Processing Error While Processing Day XXX
           Error determining engineering capabilities. Verify data in Deployed_Eng_Sensitive_Unit
           table and Engineering_Unit_Capability table.

57.   Undefined Processing Error While Processing Day XXX and Phase-In Day XXX
           Error determining engineering capabilities. Verify input added to Engineer Phase-In
           Efficiency in Requirements Analysis function.

58.   Undefined Processing Error While Processing Region XX
           Error accessing the Climatic_Factor table. Verify data in the table.

ORACLE Database Errors:

1.   ORA-0001 - Duplicate Value In Index
           Attempting to insert a record that has the same unique key as an existing record. Refer to
           Oracle Error Messages Codes Manual for further assistance.

Algorithmic Errors:

1.   Aggregate Daily Manhours Required > Maximum
           Constraint error when aggregating the horizontal, vertical, and other manhours in the
           Unscheduled_Project table.

2.   Aggregate Total Manhours Required > Maximum
           Constraint error when calculating the total manhours required for applying the host nation
           resources.

3.   Bases Within Region > Maximum Allowed
           There are more than 99 bases in a region.

4.   Computation Error - Aggregate Total Manhours Greater Than Allowable Maximum
           Constraint error when determining the available total manhours for applying U.S. resources.

5.   Computation Error for BCN: XX, Facility Category Code: XXXX, Facility Project Class: X and
      Service Code: X
           Constraint/numeric error when applying assets.

6.   Computation Error Substituting
           Constraint error when calculating substitution hours.

7.   Computation Error While Applying Resources

Constraint error when applying resources to required manhours.

8.   Computation Error While Calculating Total Manhours
        Constraint error when determining the available total manhours for applying U.S. resources.

9.   Constraint Error Assigning the Project Record BCN: XX, Project Nbr: XXXXX
        Constraint error when assigning a war damage record.

10.   Constraint Error BCN: XX, Project Nbr: XXXXX
        Constraint error when applying resources to a war damage record.

11.   Constraint Error Encountered. Unscheduled Counter = XX
        Constraint error while attempting to apply U.S. resources.

12.   Constraint Error While Calculating On Day
        Constraint error when scheduling construction requirements.

13.   Constraint Error While Calculating Requirements Numbers * Ratio
        Constraint error occurred while applying host nation and contractor resources to generated requirements.

14.   Constraint Error While Initializing Dates
        Constraint error when scheduling construction requirements.

15.   Contributing Hours > Contributing Engineering Capability
        Contributing hours is greater than the contributing engineers capability when applying skill substitution.

16.   Deficient Skill Required > What Contributing Skill Can Provide
        Error applying partial manhours to a requirement for a full skill substitution or error applying full manhours for a requirement when fulfilling a partial skill substitution.

17.   For Deficient Skill, Remaining Required Manhours < 0.1
        Remaining current day required manhours must be > 0.1 when applying skill substitution.

18.   Ratio Calculation Failed
        Constraint error when determining the ratio of the maximum facility quantity provided by the host nation/contractor OVER the amount of facility construction required. The facility quantity and manhours available is in the Engineering_Support table and facility and manhours required are in Unscheduled_Project table.

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APPENDIX D

JEPES DATA ELEMENT DICTIONARY

The Data Element Dictionary for the JEPES database displays the elements in two ways: table and alphabetical order.

The tables are listed alphabetically. The first column provides the data element name. The second column (NULL) indicates if a value for the data element is required. A "No" entry indicates the value must be present while a "Yes" entry indicates the value entry is optional. The third column indicates whether the value is treated as a character or a numeric entry. The size of the field also is shown with the number of decimals for numeric entries shown after the comma. The fourth column serves two purposes. A primary key is a unique field in the table. A foreign key is a field used by other tables. The fifth column describes the data element. Views used in JEPES are shown following the tables. A view is a logical table. Following the views are the data elements listed in alphabetical order.

APPLICATION TABLES

TABLE NAME: Aggregated_Asset

This table is created during the apply assets process. It is very similar to the War_Damage_Factor table.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	No	Number(2)	Foreign	The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
DOD_FAC_CAT_CD	No	Varchar2(4)	Foreign	The DOD Facility Category code is a unique character set assigned to identify each facility category.
ASSETS_ON_HAND	No	Number(10)	Foreign	The actual number, or amount, of assets available for the corresponding facility category at the corresponding base complex.
RESTFAC0	No	Number(5,3)		The Restoration Factor field for Day 0 is the percentage of damage to be repaired on this day.
RESTFAC1	No	Number(5,3)		The Restoration Factor field for Day 1 is the percentage of damage to be repaired on this day.
RESTFAC2	No	Number(5,3)		The Restoration Factor field for Day 2 is the percentage of damage to be repaired on this day.
RESTFAC3	No	Number(5,3)		The Restoration Factor field for Day 3 is the percentage of damage to be repaired on this day.
RESTFAC4	No	Number(5,3)		The Restoration Factor field for Day 4 is the percentage of damage to be repaired on this day.
RESTFAC5	No	Number(5,3)		The Restoration Factor field for Day 5 is the percentage of damage to be repaired on this day.
RESTFAC6	No	Number(5,3)		The Restoration Factor field for Day 6 is the percentage of damage to be repaired on this day.
RESTFAC7	No	Number(5,3)		The Restoration Factor field for Day 7 is the percentage of damage to be repaired on this day.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
RESTFAC8	No	Number(5,3)		The Restoration Factor field for Day 8 is the percentage of damage to be repaired on this day.
RESTFAC9	No	Number(5,3)		The Restoration Factor field for Day 9 is the percentage of damage to be repaired on this day.
RESTFAC10	No	Number(5,3)		The Restoration Factor field for Day 10 is the percentage of damage to be repaired on this day.
RESTFAC11	No	Number(5,3)		The Restoration Factor field for Day 11 is the percentage of damage to be repaired on this day.
RESTFAC12	No	Number(5,3)		The Restoration Factor field for Day 12 is the percentage of damage to be repaired on this day.
RESTFAC13	No	Number(5,3)		The Restoration Factor field for Day 13 is the percentage of damage to be repaired on this day.
RESTFAC14	No	Number(5,3)		The Restoration Factor field for Day 14 is the percentage of damage to be repaired on this day.
RESTFAC15	No	Number(5,3)		The Restoration Factor field for Day 15 is the percentage of damage to be repaired on this day.
RESTFAC16	No	Number(5,3)		The Restoration Factor field for Day 16 is the percentage of damage to be repaired on this day.
RESTFAC17	No	Number(5,3)		The Restoration Factor field for Day 17 is the percentage of damage to be repaired on this day.
RESTFAC18	No	Number(5,3)		The Restoration Factor field for Day 18 is the percentage of damage to be repaired on this day.
RESTFAC19	No	Number(5,3)		The Restoration Factor field for Day 19 is the percentage of damage to be repaired on this day.
RESTFAC20	No	Number(5,3)		The Restoration Factor field for Day 20 is the percentage of damage to be repaired on this day.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
RESTFAC21	No	Number(5,3)		The Restoration Factor field for Day 21 is the percentage of damage to be repaired on this day.
RESTFAC22	No	Number(5,3)		The Restoration Factor field for Day 22 is the percentage of damage to be repaired on this day.
RESTFAC23	No	Number(5,3)		The Restoration Factor field for Day 23 is the percentage of damage to be repaired on this day.
RESTFAC24	No	Number(5,3)		The Restoration Factor field for Day 24 is the percentage of damage to be repaired on this day.
RESTFAC25	No	Number(5,3)		The Restoration Factor field for Day 25 is the percentage of damage to be repaired on this day.
RESTFAC26	No	Number(5,3)		The Restoration Factor field for Day 26 is the percentage of damage to be repaired on this day.
RESTFAC27	No	Number(5,3)		The Restoration Factor field for Day 27 is the percentage of damage to be repaired on this day.
RESTFAC28	No	Number(5,3)		The Restoration Factor field for Day 28 is the percentage of damage to be repaired on this day.
RESTFAC29	No	Number(5,3)		The Restoration Factor field for Day 29 is the percentage of damage to be repaired on this day.
RESTFAC30	No	Number(5,3)		The Restoration Factor field for Day 30 is the percentage of damage to be repaired on this day.
AWARDM0	No	Number(5,3)		The War Damage field for Day 0 is the percentage of damage caused by war to the corresponding facility.
AWARDM1	No	Number(5,3)		The War Damage field for Day 1 is the percentage of damage caused by war to the corresponding facility.
AWARDM2	No	Number(5,3)		The War Damage field for Day 2 is the percentage of damage caused by war to the corresponding facility.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
AWARDM3	No	Number(5,3)		The War Damage field for Day 3 is the percentage of damage caused by war to the corresponding facility.
AWARDM4	No	Number(5,3)		The War Damage field for Day 4 is the percentage of damage caused by war to the corresponding facility.
AWARDM5	No	Number(5,3)		The War Damage field for Day 5 is the percentage of damage caused by war to the corresponding facility.
AWARDM6	No	Number(5,3)		The War Damage field for Day 6 is the percentage of damage caused by war to the corresponding facility.
AWARDM7	No	Number(5,3)		The War Damage field for Day 7 is the percentage of damage caused by war to the corresponding facility.
AWARDM8	No	Number(5,3)		The War Damage field for Day 8 is the percentage of damage caused by war to the corresponding facility.
AWARDM9	No	Number(5,3)		The War Damage field for Day 9 is the percentage of damage caused by war to the corresponding facility.
AWARDM10	No	Number(5,3)		The War Damage field for Day 10 is the percentage of damage caused by war to the corresponding facility.
AWARDM11	No	Number(5,3)		The War Damage field for Day 11 is the percentage of damage caused by war to the corresponding facility.
AWARDM12	No	Number(5,3)		The War Damage field for Day 12 is the percentage of damage caused by war to the corresponding facility.
AWARDM13	No	Number(5,3)		The War Damage field for Day 13 is the percentage of damage caused by war to the corresponding facility.
AWARDM14	No	Number(5,3)		The War Damage field for Day 14 is the percentage of damage caused by war to the corresponding facility.
AWARDM15	No	Number(5,3)		The War Damage field for Day 15 is the percentage of damage caused by war to the corresponding facility.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
AWARDM16	No	Number(5,3)		The War Damage field for Day 16 is the percentage of damage caused by war to the corresponding facility.
AWARDM17	No	Number(5,3)		The War Damage field for Day 17 is the percentage of damage caused by war to the corresponding facility.
AWARDM18	No	Number(5,3)		The War Damage field for Day 18 is the percentage of damage caused by war to the corresponding facility.
AWARDM19	No	Number(5,3)		The War Damage field for Day 19 is the percentage of damage caused by war to the corresponding facility.
AWARDM20	No	Number(5,3)		The War Damage field for Day 20 is the percentage of damage caused by war to the corresponding facility.
AWARDM21	No	Number(5,3)		The War Damage field for Day 21 is the percentage of damage caused by war to the corresponding facility.
AWARDM22	No	Number(5,3)		The War Damage field for Day 22 is the percentage of damage caused by war to the corresponding facility.
AWARDM23	No	Number(5,3)		The War Damage field for Day 23 is the percentage of damage caused by war to the corresponding facility.
AWARDM24	No	Number(5,3)		The War Damage field for Day 24 is the percentage of damage caused by war to the corresponding facility.
AWARDM25	No	Number(5,3)		The War Damage field for Day 25 is the percentage of damage caused by war to the corresponding facility.
AWARDM26	No	Number(5,3)		The War Damage field for Day 26 is the percentage of damage caused by war to the corresponding facility.
AWARDM27	No	Number(5,3)		The War Damage field for Day 27 is the percentage of damage caused by war to the corresponding facility.
AWARDM28	No	Number(5,3)		The War Damage field for Day 28 is the percentage of damage caused by war to the corresponding facility.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
AWARDM29	No	Number(5,3)		The War Damage field for Day 29 is the percentage of damage caused by war to the corresponding facility.
AWARDM30	No	Number(5,3)		The War Damage field for Day 30 is the percentage of damage caused by war to the corresponding facility.

TABLE NAME: Asset

This table defines assets by the base complex, the base complex geoloc, the facility category code, and the service owner. An engineering asset is a structure (barracks, water tank, etc.) that is in place and available at a base complex. It may be owned by the U.S. or provided or leased by a host nation.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	No	Number(2)	Foreign	The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
GELOC_CD	No	Varchar2(4)	Foreign	Each code identifies a specific location; i.e., city, town, or base, in the world. Each code is, therefore, unique.
DOD_FAC_CAT_CD	No	Varchar2(4)	Foreign	The DOD Facility Category code is a unique character set assigned to identify each facility category.
ASSET_OWNER	No	Varchar2(1)	Primary	This code identifies the military service provider of the assets within the corresponding facility category.
ASSETS_ON_HAND	No	Number(8)	Foreign	The actual number, or amount, of assets available for a specific facility category at the corresponding base complex.
ASSET_COMMENT	Yes	Varchar2(60)		Commentary about the corresponding facility categories (asset categories).

TABLE NAME: Attrition_Factor

This table contains records that the user defines as the amount of personnel loss during a defined period of time.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
PLN_IDR	No	Varchar2(9)	Foreign	The Plan Identifier code is the same as the OPLAN Identifier code used in other tables. This code contains the same value as the user defined OPLAN.
PERSONNEL_ REPLACEMENT_ CYCLE	No	Number(2)		The number of days it will take to replace an engineer.
FIRST_DAY_PD_1	Yes	Number(3)		The number of the first day in Period 1.
LAST_DAY_PD_1	Yes	Number(3)		The number of the last day in Period 1.
ATTRITION_RATE_ PD_1	Yes	Number(4,2)		The user defined percentage that identifies how many individuals (personnel) will have to be replaced in Period 1.
FIRST_DAY_PD_2	Yes	Number(3)		The number of the first day in Period 2.
LAST_DAY_PD_2	Yes	Number(3)		The number of the last day in Period 2.
ATTRITION_RATE_ PD_2	Yes	Number(4,2)		The user defined percentage that identifies how many individuals (personnel) will have to be replaced in Period 2.
FIRST_DAY_PD_3	Yes	Number(3)		The number of the first day in Period 3.
LAST_DAY_PD_3	Yes	Number(3)		The number of the last day in Period 3.
ATTRITION_RATE_ PD_3	Yes	Number(4,2)		The user defined percentage that identifies how many individuals (personnel) will have to be replaced in Period 3.
FIRST_DAY_PD_4	Yes	Number(3)		The number of the first day in Period 4.
LAST_DAY_PD_4	Yes	Number(3)		The number of the last day in Period 4.
ATTRITION_RATE_ PD_4	Yes	Number(4,2)		The user defined percentage that identifies how many individuals (personnel) will have to be replaced in Period 4.
FIRST_DAY_PD_5	Yes	Number(3)		The number of the first day in Period 5.
LAST_DAY_PD_5	Yes	Number(3)		The number of the last day in Period 5.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
ATTRITION_RATE_PD_5	Yes	Number(4,2)		The user defined percentage that identifies how many individuals (personnel) will have to be replaced in Period 5.
FIRST_DAY_PD_6	Yes	Number(3)		The number of the first day in Period 6.
LAST_DAY_PD_6	Yes	Number(3)		The number of the last day in Period 6.
ATTRITION_RATE_PD_6	Yes	Number(4,2)		The user defined percentage that identifies how many individuals (personnel) will have to be replaced in Period 6.
FIRST_DAY_PD_7	Yes	Number(3)		The number of the first day in Period 7.
LAST_DAY_PD_7	Yes	Number(3)		The number of the last day in Period 7.
ATTRITION_RATE_PD_7	Yes	Number(4,2)		The user defined percentage that identifies how many individuals (personnel) will have to be replaced in Period 7.
FIRST_DAY_PD_8	Yes	Number(3)		The number of the first day in Period 8.
LAST_DAY_PD_8	Yes	Number(3)		The number of the last day in Period 8.
ATTRITION_RATE_PD_8	Yes	Number(4,2)		The user defined percentage that identifies how many individuals (personnel) will have to be replaced in Period 8.

TABLE NAME: Avail

This table is created, used, and then dropped during the LSA process by the Time_Period table.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
OPLAN_ID	Yes	Varchar2(12)		The OPLAN Identifier code is the same as the PLN_IDR field used in other tables. This code contains the value of the user defined OPLAN.
BCN	Yes	Number(3)		The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BSE_CMPLX_NBR used in other tables.
LSA_CODE	Yes	Varchar2(1)		The Logistics Sustainability Analysis code identifies the category of the assets available.
DAY	Yes	Number(3)		The number of the last day of the time period.
AVAIL	Yes	Number(7,1)		This field contains the sum of all asset satisfied requirements during the defined time period + any facility whose construction will be completed during the same time period. This calculation is performed in an Ada program.

TABLE NAME: Backup_Supply

Priority listing of backup storage facilities associated with a base complex and identified by the support structure index. This table represents the base complexes that act as the backup supply storage locations for each of five classes of supply (ammo, POL, medical, general, and unassigned) for echelons one through five.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	No	Number(2)	Foreign	The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
SUPPORT_ STRUCTURE_INDEX	No	Number(1)	Foreign	This code identifies the supply class associated with a facility.
REAR_ECHELON_ STORAGE_BASE_2	Yes	Varchar2(2)		This field contains the first alternate storage site code, which is the same as the BCN, but does not have to be the corresponding BCN. This alternate storage site is used to hold various supplies.
REAR_ECHELON_ STORAGE_BASE_3	Yes	Varchar2(2)		This field contains the second alternate storage site code, which is the same as the BCN, but does not have to be the corresponding BCN. This alternate storage site is used to hold various supplies.
REAR_ECHELON_ STORAGE_BASE_4	Yes	Varchar2(2)		This field contains the third alternate storage site code, which is the same as the BCN, but does not have to be the corresponding BCN. This alternate storage site is used to hold various supplies.
REAR_ECHELON_ STORAGE_BASE_5	Yes	Varchar2(2)		This field contains the fourth alternate storage site code, which is the same as the BCN, but does not have to be the corresponding BCN. This alternate storage site is used to hold various supplies.

TABLE NAME: Base_Complex

The base complex is defined by the base owner, the primary location's geolocation code, the region code, the Country/State code, the total base population, the total base noncombatant population, and the base construction policy number. The base complex consists of one or more geographic locations grouped to comprise a single base for engineering planning purposes.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	No	Number(2)	Primary	The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
CYST_CD	No	Varchar2(2)		The Country/State code identifies a specific country and/or state in the world for which the Geolocation code resides.
BASE_OWNER	No	Varchar2(1)	Primary	The code represents the specific service of the military that owns the base represented by the BCN code. For this database, if there are two or more military services stationed at a base, the base owner is determined by which service has the most noncombatant personnel at that base.
BASE_PRIMARY_ GEOLOC	No	Varchar2(4)		Should there be more than one military installation identified by the BCN, the principal base is identified in this field by it's corresponding Geolocation code.
BSE_NM	Yes	Varchar2(20)	Primary	The proper name identifying the military base or complex. The base name corresponds to the BCN and the Geolocation code.
REGION_CODE	No	Varchar2(2)		The world has been divided into specific areas or regions. This code identifies a specific region for which the Country/State code resides, of which the corresponding Geolocation resides.
UNIT_ALLOC_ CONTRN_POLICY	No	Number(1)		The base construction policy number for the unit-allocated facility.
BASE_POPULATION	No	Number(9)		The number of personnel assigned to the corresponding base complex.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
NON_COMBATANT_ POPULATION	No	Number(6)		The number of noncombatant personnel assigned to the corresponding base complex.

TABLE NAME: Base_Fac_Construction_Policy

The construction policies define what type of construction can be done on the facility of the base complex. A base construction policy must be provided for each DOD facility category at a base complex.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	No	Number(2)	Foreign	The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
DOD_FAC_CAT_CD	No	Varchar2(4)	Foreign	The DOD Facility Category code is a unique character set assigned to identify each facility category.
CNSTRN_PLCY_CD	No	Number(1)		The Build Policy code assigned to each category code at the corresponding base complex.

TABLE NAME: Base_Location

The location of the base complex is defined by the geolocation codes, their corresponding name and the Country/State geolocation code. A base complex may encompass a number of Geolocs.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	No	Number(2)	Foreign	The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
GELOC_CD	No	Varchar2(4)	Foreign	Each code identifies a specific location; i.e., city, town, or base, in the world. Each code is, therefore, unique.
BASE_COMPLEX_ GEOLOC_NAME	Yes	Varchar2(20)		The proper name of the base complex associated with the corresponding Geolocation code.
CYST_CD	No	Varchar2(2)	Foreign	The Country/State code identifies a specific country and/or state in the world for which the Geolocation code resides.

TABLE NAME: Base_Sum

This table is the sum of the requirements for LSA from the Time_Period and Base_Complex tables. This sum is used to calculate the weighting factor for the base complex. The LSA_Interface table contains the weighting factor. The weighting factor determines the importance of the base complex to the entire OPLAN.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BCN	Yes	Number(3)		The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BSE_CMPLX_NBR used in other tables.
RCD	Yes	Number(3)		The required completion date is the number of the day for which the facility must be ready for use. This field name is also the same as the REQUIRED_ COMPL_DATE and DEMAND_ COMPLN_DTE fields used in other tables.
LSA_CODE	Yes	Varchar2(1)		The Logistics Sustainability Analysis code identifies the category of the assets available.
REQD	Yes	Number(10,1)		This value has been calculated based on the corresponding availability, capable, and required completion date values by an Ada program.

TABLE NAME: Cargo_Aggregation_Period

This table identifies the period of time for which non-unit cargo is summed and is defined by the OPLAN.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
PLN_IDR	No	Varchar2(9)	Foreign	The Plan Identifier code is the same as the OPLAN Identifier code used in other tables. This code contains the same value as the user defined OPLAN.
CARGO_AGGREGATION_ PERIOD_SEQNO	No	Varchar2(1)	Primary	The cargo aggregation period sequence number identifies the order of the time periods.
START_CARGO_ AGGREGATION_ PERIOD	No	Number(3)		The number of the first day of the time period for which non-unit cargo is summed.
END_OF_CARGO_ AGG_PD	No	Number(3)		The number of the last day of the time period for which non-unit cargo is summed.

TABLE NAME: Climatic_Factor

This table assists in determining the effect of the climate with the progress of the construction.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
REGION_CODE	No	Varchar2(2)	Foreign	The world has been divided into specific areas or regions. This code identifies a specific region for which the Country/State code resides, of which the corresponding Geolocation resides.
CLIMATIC_ ADJUSTMENT	No	Number(3,1)		Factor used in determine engineering capabilities

TABLE NAME: Component

This table defines a component by the service, it's size in manhours, whether or not it is fractionable, it's cost, it's weight in STONS and cubical space in measurable tons, it's corresponding austere component, the number of horizontal, vertical, and other skilled manhours needed per day to assemble it, the minimum number of days to build it, follow-on information, and the unit of measure.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
SERVICE_CODE	No	Varchar2(1)	Primary	This code identifies the service of the required force.
SERVCOMP_CD	No	Varchar2(7)	Primary	The Service Component code identifies a specific collection of construction material.
COMPONENT_ DESCRIPTION	No	Varchar2(20)		This field describes the corresponding Service Component code.
SERVCOMP_SZ	No	Number(7)	Primary	The service component size is the amount (in manhours) that corresponds to the corresponding service component.
FRACTIONABLE	No	Varchar2(1)		This flag ('Y'/'N') specifies whether the corresponding component can be used in part or not.
COMPONENT_COST	No	Number(6)	Primary	The cost of the corresponding component (in hundreds of dollars).
SHORT_TONS	No	Number(5)	Primary	The weight of the corresponding component. The value is represented as a whole number and tenths; i.e., '00123' is 12.3 tons.
MEASUREMENT_ TONS	No	Number(5)	Primary	The volume, or cubical space, of the corresponding component. The value is represented as a whole number; i.e., '00012' is 12 MTONS.
AUSTERE_ COMPONENT	No	Varchar2(1)		This field indicates the simpliest or lowest form of the corresponding component that will satisfy a requirement for short term needs.
HORIZONTAL_ CONSTRUCTION_ MNHRS	No	Number(5)	Primary	The number of horizontal skill manhours needed, per day, to assemble the corresponding component.
VERTICAL_MNHR_ PER_DAY	No	Number(5)	Primary	The number of vertical skill manhours needed, per day, to assemble the corresponding component.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
OTHER_ CONSTRUCTION_ MANHOURS	No	Number(5)	Primary	The number of other skill manhours needed, per day, to assemble the corresponding component.
MINIMUM_DAYS_ TO_BUILD	No	Number(3)	Primary	The absolute minimum number of days required to assemble the corresponding component.
FOLLOW_ON_ COMP_CD	Yes	Varchar2(7)		The Follow-On Component code identifies the specific component used to follow beddown or emergency repair.
FOLLOW_ON_ DELAY	Yes	Number(3)		This field contains the number of days that construction has to be delayed from the corresponding follow-on project.
FOLLOW_ON_ CONSTRNG_SERV	Yes	Varchar2(1)		The Follow-On Construction Service code is the service or military branch responsible for the construction of the corresponding follow-on project.
UNIT_OF_MEASURE	No	Varchar2(2)		The type of measurement (square feet, yards, etc.) applied.

TABLE NAME: Component_Exception

This table represents, for a specific facility category code at a specific base complex, the percent of class IV cargo to be excluded from shipment to the base complex.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	No	Number(2)	Foreign	The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
DOD_FAC_CAT_CD	No	Varchar2(4)	Foreign	The DOD Facility Category code is a unique character set assigned to identify each facility category.
START_PERIOD_1	No	Number(3)		The number of the first day in Period 1 for which a component is excluded from processing.
END_PERIOD_1	No	Number(3)		The number of the last day in Period 1 for which a component is excluded from processing.
STON_PCT_1	Yes	Number(4,2)		The percentage of STONS to exclude during Period 1.
MTON_PCT_1	Yes	Number(4,2)		The percentage of MTONS to exclude during Period 1.
START_PERIOD_2	No	Number(3)		The number of the first day in Period 2 for which a component is excluded from processing.
END_PERIOD_2	No	Number(3)		The number of the last day in Period 2 for which a component is excluded from processing.
STON_PCT_2	Yes	Number(4,2)		The percentage of STONS to exclude during Period 2.
MTON_PCT_2	Yes	Number(4,2)		The percentage of MTONS to exclude during Period 2.
START_PERIOD_3	No	Number(3)		The number of the first day in Period 3 for which a component is excluded from processing.
END_PERIOD_3	No	Number(3)		The number of the last day in Period 3 for which a component is excluded from processing.
STON_PCT_3	Yes	Number(4,2)		The percentage of STONS to exclude during Period 3.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
MTON_PCT_3	Yes	Number(4,2)		The percentage of MTONS to exclude during Period 3.
START_PERIOD_4	No	Number(3)		The number of the first day in Period 4 for which a component is excluded from processing.
END_PERIOD_4	No	Number(3)		The number of the last day in Period 4 for which a component is excluded from processing.
STON_PCT_4	Yes	Number(4,2)		The percentage of STONS to exclude during Period 4.
MTON_PCT_4	Yes	Number(4,2)		The percentage of MTONS to exclude during Period 4.

TABLE NAME: Construction_Capability

The input of records to this table comes from BJEPES and the output goes to DJEPES. This table is used to determine the amount of U.S. Construction manhours by skill type (horizontal, vertical, or other) available per day.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
REGION_CODE	Yes	Varchar2(2)		The world has been divided into specific areas or regions. This code identifies a specific region for which the Country/State code resides, of which the corresponding Geolocation resides.
BSE_CMPLX_NBR	No	Number(2)	Foreign	The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
SERVICE_CODE	No	Varchar2(1)	Foreign	This code identifies the service of the required force.
DAY	No	Number(3)		The number of the day of construction being performed.
ACTUAL_HOURS_ HORIZONTAL	Yes	Number(7,1)		The number of hours available for horizontal personnel on the corresponding day.
ACTUAL_HOURS_ VERTICAL	Yes	Number(7,1)		The number of hours available for vertical personnel on the corresponding day.
ACTUAL_HOURS_ OTHER	Yes	Number(7,1)		The number of hours available for other personnel on the corresponding day.

TABLE NAME: Deployed_Eng_Sensitive_Unit

This table defines the deployed unit by base complex, the destination geolocation, the day of arrival at the destination, the POD geolocation, the day of arrival at the POD, the originating geolocation, the port of embarkation geolocation, their corresponding service, their force requirements number, fragmentation code, insert code, unit level code, unit identification code, troop sequence number, and the number of personnel deployed to the POD. This table represents units to be deployed (extracted from the TPFDD) that are either engineering units or will require engineering facilities.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	No	Number(2)	Foreign	The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
DESTINATION_ GELOC	No	Varchar2(4)	Foreign	The Geolocation code identifies a specific location; i.e., city, town, or base, of destination in the world.
FORCE_RQMT_ NUMBER	No	Varchar2(5)		The force requirement number identifies an organization within an OPLAN.
FRAGMENTATION_ CODE	Yes	Varchar2(1)		This field identifies the designator for the fragmentation of a requesting force.
INSERT_CODE	Yes	Varchar2(1)		This field identifies the designator for the inserting subordinates in a fragmentation or increment. It is used to retain the original fragmentation of forces when a planned movement requirement requires additional subdivision.
UTC	No	Varchar2(5)	Foreign	The Unit Type code identifies the category of the military unit.
DESTINATION_ ARRIVAL_DATE	No	Number(3)		The number of the day (relative to C_DAY, or the day of which deployment begins) that the deployed unit is to arrive at the destination.
POD_GEOLOC	No	Varchar2(4)	Foreign	The Geolocation code identifies a specific location; i.e., city, town, or base, of the POD in the world.
POD_ARRIVAL_ DATE	No	Number(3)		The number of the day for which the cargo or deployed unit will arrive at the POD.
ORIGINATING_ GEOLOC	No	Varchar2(4)	Foreign	The Geolocation code identifies a specific location; i.e., city, town, or base, of origin in the world.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
POE_GEOLOC	No	Varchar2(4)	Foreign	The Geolocation code identifies a specific location; i.e., city, town, or base, of the port of embarkation in the world.
TROOP_SEQUENCE _NUMBER	No	Number(5)		This file contains the identifier that identifies a troop's file record.
TROOP_STRENGTH	No	Number(6)		The actual number of personnel deployed to the corresponding POD Geolocation. For standard force requirements, personnel strength is defined by the UTC. For nonstandard force requirements, it is either established for a nonstandard UTC or a change to a standard UTC for use in a particular OPLAN. In the objective area, it is used to determine non-unit cargo and personnel requirements. This number must be '0' for the cargo portion of a split shipment.
ULC	No	Varchar2(3)	Primary	The Unit Level code describes the level of the unit for which the force requirement is stated.
UIC	Yes	Varchar2(6)	Primary	The Unit Identification code uniquely identifies every unit of every service as long as it exists.
SERVICE_CODE	No	Varchar2(1)	Foreign	This code identifies the specific service for the required force.
DESTINATION_ GELOC_NAME	Yes	Varchar2(20)	Foreign	The Destination Geolocation Name is the name of the city, town, or base identified by the Destination Geolocation code (DESTINATION_ GELOC) field.

TABLE NAME: Destination_Location

This table represents geographic locations identified by GEOLOC codes, which are destination locations for deployed units in the TPFDD.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
DESTINATION_ GEOLOC	No	Varchar2(4)	Primary	The Geolocation code identifies a specific location; i.e., city, town, or base, of destination in the world.

TABLE NAME: Engineering_Support

This table represents either host nation- or contractor-provided engineering support, in terms of engineering manhours available, to apply against specific Facility Category codes.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	No	Number(2)	Foreign	The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
DOD_FAC_CAT_CD	No	Varchar2(4)	Foreign	The DOD Facility Category code is a unique character set assigned to identify each facility category.
FACILITY_ PROJECT_CLASS	No	Varchar2(1)		This field identifies the type of work of the facility project.
FIRST_DAY_ AVAILABLE	No	Number(3)		The number of the first day of which the host nation or contractor engineering resources are available.
LAST_DAY_HN_OR_ CNTTR_ENG_AVAIL	No	Number(3)		The number of the last day of which the host nation or contractor engineering resources are available.
MAX_FACILITY_ QUANTITY	No	Number(8)		The maximum facility quantity is the amount that may be assigned for construction.
MAX_AVAIL_ MANHOURS_PER_ DAY	No	Number(6)		The maximum available manhours per day is the number of hours, per day, available from either the host nation or contractor.
CONTRACTOR_ AFFILIATION	No	Varchar2(1)		This field contains the code that identifies the contractor as either the "U.S." or as the host nation.
ENGINEERING_ COMMENT	Yes	Varchar2(60)		Commentary about the corresponding engineering support record.

TABLE NAME: Engineering_Unit_Capability

This table defines the capability of the engineering unit by the number of manhours per day for horizontal, vertical, and other engineers.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
UTC	No	Varchar2(5)	Primary	The Unit Type code identifies the category of the military unit.
HORIZONTAL_ MNHR_CPBLTY_ PER_DAY	No	Number(5)		The horizontal manhour capability per day contains the number of manhours, per day, of personnel performing horizontal construction.
VERTICAL_MNHR_ CPBLTY_PER_DAY	No	Number(5)		The vertical manhour capability per day contains the number of manhours, per day, of personnel performing vertical construction.
OTHER_MNHR_ CPBLTY_PER_DAY	No	Number(5)		The other manhour capability per day contains the number of manhours, per day, of personnel performing other type construction.
NUMBER_OF_ ENGINEERS	No	Number(6)		The total number of engineers (horizontal, vertical, and other) assigned to the corresponding unit.

TABLE NAME: Equipment_Planning_Factor

This table contains the planning factors that will be necessary or required for the equipment at the base complex. For example, a tank already has a plan factor for fuel. It needs X amount of gallons per day. The amount of fuel can vary due to climate and/or terrain. Climate and terrain are adjustment factors for fuel.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
EQUIPMENT_ IDENTIFIER_CODE	No	Varchar2(7)	Foreign	This code classifies Equipment Types; i.e., an 'F16' equipment type is classified or identified as a 'F'ighter.
SERVICE_CODE	No	Varchar2(1)	Foreign	This code identifies the specific service of the required forces. It also identifies the service that will be the user of the requirement.
DOD_FAC_CAT_CD	No	Varchar2(4)	Foreign	The DOD Facility Category code is a unique character set assigned to identify each facility category.
SUPPORT_ STRUCTURE_INDEX	No	Varchar2(1)	Foreign	This code identifies the supply class associated with a facility.
PLANG_FACTOR_ ECHELON_1	No	Number(10,4)		The planning factor echelon field contains the first factor used to determine the facility amount at the base complex.
PLANG_FACTOR_ ECHELON_2	Yes	Number(10,4)		The planning factor echelon field contains the second factor used to determine the facility amount at the base complex.
PLANG_FACTOR_ ECHELON_3	Yes	Number(10,4)		The planning factor echelon field contains the third factor used to determine the facility amount at the base complex.
PLANG_FACTOR_ ECHELON_4	Yes	Number(10,4)		The planning factor echelon field contains the fourth factor used to determine the facility amount at the base complex.
PLANG_FACTOR_ ECHELON_5	Yes	Number(10,4)		The planning factor echelon field contains the fifth factor used to determine the facility amount at the base complex.

TABLE NAME: Equipment_Type

This table identifies each type of equipment; i.e., an 'F16,' by the service provider, identifier code; i.e., 'F'ighter, and classification; i.e, 'A'ircraft.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
SERVICE_CODE	No	Varchar2(1)	Foreign	This code identifies the required force. It also identifies the Service that will be the user of the requirement.
EQUIPMENT_ IDENTIFIER_CODE	No	Varchar2(7)	Primary	This code classifies equipment types; i.e., an 'F16' equipment type is classified or identified as a 'F'ighter.
EQUIPMENT_ DESCRIPTION	Yes	Varchar2(20)		This field contains the type of equipment being provided by the service; i.e., an 'F16.'
EQUIPMENT_CLASS	No	Varchar2(1)	Primary	The Equipment Classification code field identifies the classification of the corresponding type of equipment.

TABLE NAME: Facility_Category

This table defines the facility categories by unit of measure, percent shipped, LSA code, it's requirements group, and it's classification.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
DOD_FAC_CAT_CD	No	Varchar2(4)	Primary	The DOD Facility Category code is a unique character set assigned to identify each facility category.
FACILITY_ DESCRIPTION	No	Varchar2(20)		This field identifies the facility Type of the corresponding DOD Facility Category code.
UNIT_OF_MEASURE	No	Varchar2(2)	Foreign	The type of measurement (square feet, yards, etc.) applied.
PCT_SHIPPED	Yes	Number(4,1)		The percent shipped is the percentage of non-unit cargo shipped.
LSA_CODE	Yes	Varchar2(1)		The Logistics Sustainability Analysis code identifies the category of the assets available.
REQUIREMENT_ GROUP	Yes	Varchar2(1)		This field contains the code that identifies to which group a requirement (or project) belongs.
FACILITY_CLASS	Yes	Varchar2(1)		The Facility Classification code identifies the classification of the corresponding facility category.

TABLE NAME: Facility_Category_Substitute

This table is for future use. The user will be able to 'substitute' up to seven facility category codes for an OPLAN.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
DOD_FAC_CAT_CD	No	Varchar2(4)	Foreign	The DOD Facility Category code is a unique character set assigned to identify each facility category.
SUBST_DOD_FAC_ CAT_CD	No	Varchar2(4)	Primary	The DOD Substituted Facility Category code is a user-defined unique character set assigned to identify each "option" facility category.

TABLE NAME: Facility_Component

This table defines the facility component by facility category, service provider, and the facility project classification. This table represents a component that can be used to satisfy a DOD facility category requirement.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
DOD_FAC_CAT_CD	No	Varchar2(4)	Foreign	The DOD Facility Category code is a unique character set assigned to identify each facility category.
SERVICE_CODE	No	Varchar2(1)	Foreign	This code identifies the specific service of the provider.
SERVCOMP_CD	No	Varchar2(7)	Foreign	The Service Component code identifies a specific collection of construction material.
FACILITY_ PROJECT_CLASS	No	Varchar2(1)	Foreign	This field identifies the type of work of the facility project.

TABLE NAME: Facility_Requirement

This table defines a facility requirement by Unit Type, Facility Category, Component, Service, and Facility Quantity codes required. It associates a DOD Facility Category code with a Unit Type code.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
UTC	No	Varchar2(5)	Foreign	The Unit Type code identifies the category of the military unit.
DOD_FAC_CAT_CD	No	Varchar2(4)	Foreign	The DOD Facility Category code is a unique character set assigned to identify each facility category.
SERVCOMP_CD	Yes	Varchar2(7)		The Service Component code identifies a specific collection of construction material.
SERVICE_CODE	No	Varchar2(1)	Foreign	This code identifies the specific service of the required force. It also identifies the Service that will be the user of the requirement.
FACILITY_ QUANTITY_ REQUIRED	No	Number(9)	Primary	The amount of a facility needed.

TABLE NAME: General_Planning_Factor

This table contains the planning factors that will be necessary or required primarily for the personnel at the base complex. For example, determining how much fresh water will be required - the factors being for consumption, food preparation, and bathing.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
SERVICE_CODE	No	Varchar2(1)	Foreign	This code identifies the specific service that will be the user of the requirement.
DOD_FAC_CAT_CD	No	Varchar2(4)	Foreign	The DOD Facility Category code is a unique character set assigned to identify each facility category.
PLANNING_ FACTOR_TYPE	No	Varchar2(6)	Foreign	This field contains the type, or classification, of the planning factor.
SUPPORT_ STRUCTURE_INDEX	No	Varchar2(1)	Foreign	This code identifies the supply class associated with a facility.
PLANG_FACTOR_ ECHELON_1	Yes	Number(10,4)		The planning factor echelon field contains the first factor used to determine the facility amount at the base complex.
PLANG_FACTOR_ ECHELON_2	Yes	Number(10,4)		The planning factor echelon field contains the second factor used to determine the facility amount at the base complex.
PLANG_FACTOR_ ECHELON_3	Yes	Number(10,4)		The planning factor echelon field contains the third factor used to determine the facility amount at the base complex.
PLANG_FACTOR_ ECHELON_4	Yes	Number(10,4)		The planning factor echelon field contains the fourth factor used to determine the facility amount at the base complex.
PLANG_FACTOR_ ECHELON_5	Yes	Number(10,4)		The planning factor echelon field contains the fifth factor used to determine the facility amount at the base complex.

TABLE NAME: Keys

This table identifies the 'key' fields of the JEPES database - the OPLAN, it's corresponding base complexes, and the base complex's corresponding region code.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
PLN_IDR	Yes	Varchar2(9)		The Plan Identifier code is the same as the OPLAN Identifier code used in other tables. This code contains the same value as the user defined OPLAN.
BSE_CMPLX_NBR	Yes	Number(2)		The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
REGION_CODE	Yes	Varchar2(2)		The world has been divided into specific areas or regions. This code identifies a specific region for which the Country/State code resides, of which the corresponding Geolocation resides.

TABLE NAME: LOGSAFE_Interface

This table is used for Non-Unit Cargo processing. The fields contain Non-Unit Requirements, in a LOGSAFE type format, of which are processed by LJEPES. LOGSAFE is a transportation system. The interface supports the movement, per day, of non-unit cargo from Port A to Port B to support the OPLAN.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
OPLAN_ID	Yes	Varchar2(5)		The OPLAN Identifier code is the same as the PLN_IDR field used in other tables. This code contains the value of the user defined OPLAN.
USING_SERVICE	Yes	Varchar2(1)		This code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., for whom a requirement is being generated. This code is the same utilized by the SERVICE_CODE and CONSTRUCTING_SERVICE fields used in other tables, but the usage is different. This specific field is used for all plan-dependent records.
BASE_PRIMARY_ GEOLOC	Yes	Varchar2(4)		Should there be more than one military installation identified by the BCN, the principal base is identified in this field by it's corresponding Geolocation code.
CYST_CD	Yes	Varchar2(2)		The Country/State code identifies a specific country and/or state in the world for which the Geolocation code resides.
LAD	Yes	Number(3)		The latest arrival date is the number of the day that is the absolute last day for which the shipment will arrive at the POD.
SUBCLASS	Yes	Varchar2(2)		This code describes the supply classification of the type of non-unit cargo.
STONS_TO_BE_ SHIPPED	Yes	Number(6,1)		The STONS to be shipped field is the amount of weight of non-unit cargo to be shipped to the POD.
MTONS_TO_BE_ SHIPPED	Yes	Number(6)		The MTONS to be shipped field is the amount of cubical space of non-unit cargo to be shipped to the POD.

TABLE NAME: LSA_Export

The contents of this table go to GJEPES. The PERCENT_CAPABLE field value is defined from the LSA_Interface table.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
OPLAN_ID	Yes	Varchar2(12)		The OPLAN Identifier code is the same as the PLN_IDR field used in other tables. This code contains the value of the user defined OPLAN.
DAY	Yes	Number(3)		The number of the last day of the time period.
LSA_CODE	Yes	Varchar2(1)		The Logistics Sustainability code identifies the category of the assets available.
PERCENT_CAPABLE	Yes	Number(5,2)		This field contains the product of (LSA_ INTERFACE.AVAIL/LSA_ INTERFACE.REQD) * LSA_INTERFACE.WEIGHTING_ FACTOR.

TABLE NAME: LSA_Interface

This table contains the REQD and AVAIL fields used to recalculate the CAPABLE field (CAPABLE = AVAIL/REDQ, then, if both AVAIL and REQD equal '0,' CAPABLE is set to equal '1').

This table also updates the WEIGHTING_FACTOR field to contain the weighting factor for each base complex (BASE_SUM.REQD/PLAN_SUM.REQD, then, if the WEIGHTING_FACTOR is '0,' it is reset to equal '.001').

FIELDS	NULL	TYPE	KEY	DESCRIPTION
OPLAN_ID	Yes	Varchar2(12)		The OPLAN Identifier code is the same as the PLN_IDR field used in other tables. This code contains the value of the user defined OPLAN.
BCN	Yes	Number(3)		The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BSE_CMPLX_NBR used in other tables.
LSA_CODE	Yes	Varchar2(1)		The Logistics Sustainability code identifies the category of the assets available.
RCD	Yes	Number(3)		The required completion date is the number of the day for which the facility must be ready for use. This field name is also the same as the REQUIRED_ COMPL_DATE and DEMAND_ COMPLN_DTE fields used in other tables.
REQD	Yes	Number(10,1)		This value has been calculated based on the corresponding availability, capable, and required completion date values by an Ada program.
AVAIL	Yes	Number(10,1)		This field contains the sum of all asset satisfied requirements during the defined time period + any facility whose construction will be completed during the same time period. This calculation is performed in an Ada program.
CAPABLE	Yes	Number(6,3)		This is the dividend of LSA_INTERFACE.AVAIL/ LSA_INTERFACE.REQD performed in the SQL*Plus file \USERS\JEPES\SQL\ BCN_WF.SQL.
WEIGHTING_ FACTOR	Yes	Number(4,3)		

TABLE NAME: LSA_Requirement

This table contains records of all requirements (or projects) that have construction components assigned to them.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	No	Number(2)	Foreign	The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
PROJ_NBR	No	Number(5)	Foreign	The project number identifies the specific facility construction requirement.
SUBPROJ_NBR	No	Number(2)	Foreign	The subproject number identifies the specific emergency repair project for new construction project(s) damaged by war.
DOD_FAC_CAT_CD	No	Varchar2(4)	Foreign	The DOD Facility Category code is a unique character set assigned to identify each facility category.
FACILITY_ PROJECT_CLASS	Yes	Varchar2(1)		This field identifies the type of work of the facility project.
USING_SERVICE	No	Varchar2(1)	Foreign	This code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., for whom a requirement is being generated. This code is the same utilized by the SERVICE_CODE and CONSTRUCTING_SERVICE fields used in other tables, but the usage is different. This specific field is used for all plan-dependent records.
SERVCOMP_CD	Yes	Varchar2(7)		The Service Component code identifies a specific collection of construction material.
SCHEDULED START_DATE	No	Number(3)		This field contains the number of the first day of which construction is scheduled to begin.
FACILITY_DATE_ AVAILABLE	No	Number(3)		The number of the day the facility will be ready or available.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
CONSTRUCTING_ SERVICE	No	Varchar2(1)	Foreign	The code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., that is responsible for the construction of the facility. This code is the same utilized by the SERVICE_CODE and USING_SERVICE fields used in other tables.
PROJECT_TYPE	No	Number(2)	Foreign	This field contains the code that identifies the type of facility construction or repair task.
REQUIRED_COMPL_ DATE	No	Number(3)		The required completion date is the number of the day for which the facility must be ready for use. This field name is also the same as the RCD and DEMAND_COMPLN_DTE fields used in other tables.
FACILITY_ PRIORITY	No	Varchar2(1)	Foreign	This field contains the code that identifies the specific facility's importance; i.e., 'C'ritical, 'E'ssential, or 'N'ecessary.
UNIT_OF_MEASURE	No	Varchar2(2)	Foreign	The type of measurement (square feet, yards, etc.) applied.
FACILITY_ QUANTITY_ REQUIRED	No	Number(9,1)	Foreign	The amount of a facility needed.
NUMBER_OF_ COMPONENTS_ REQD	Yes	Number(8,2)		The number of components required is the amount of the corresponding component required during the time period.
FACILITY_ DESCRIPTION	Yes	Varchar2(20)		This field identifies the facility type of the corresponding DOD Facility Category code.
COMPONENT_ DESCRIPTION	Yes	Varchar2(20)		This field describes the corresponding service component code.
SERVCOMP_SZ	Yes	Number(7)		The service component size is the amount (in manhours) of a facility that is satisfied by the corresponding service component.
COMPONENT_COST	Yes	Number(6)		The cost of the corresponding component (in hundreds of dollars).

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_NM	Yes	Varchar2(20)		The proper name identifying the military base or complex. The base name corresponds to the BCN.
DAY_NUMBER	Yes	Number(3)		
TOTAL_PROJECT_ MAN_HOURS	Yes	Number(8)		
SHORT_TONS	Yes	Number(5)		The weight of the corresponding component. The value is represented as a whole number and tenths; i.e., '00123' is 12.3 tons.
MEASUREMENT_ TONS	Yes	Number(5)		The volume or cubical space of the corresponding component. The value is represented as a whole number; i.e., '00012' is 12 MTONS.
HORIZONTAL_ CONSTRUCTION_ MNHRS	Yes	Number(6)		The number of horizontal skill manhours needed, per day, to assemble the corresponding component.
VERTICAL_MNHR_ PER_DAY	Yes	Number(6)		The number of vertical skill manhours needed, per day, to assemble the corresponding component.
OTHER_ CONSTRUCTION_ MANHOURS	Yes	Number(6)		The number of other skill manhours needed, per day, to assemble the corresponding component.
MINIMUM_DAYS_ TO_BUILD	Yes	Number(3)		The absolute minimum number of days required to assemble the corresponding component.

TABLE NAME: Non_Unit_Cargo

This table defines non-unit cargo by OPLAN, base complex, facility category, service, etc. Non-Unit cargo is cargo not specifically assigned to a unit. It is defined by weight and the amount of cubical space it requires for shipping purposes.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
OPLAN_ID	No	Varchar2(12)	Foreign	The OPLAN Identifier code is the same as the PLN_IDR field used in other tables. This code contains the value of the user defined OPLAN.
BSE_CMPLX_NBR	No	Number(3)	Foreign	The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
BSE_NM	Yes	Varchar2(20)		The proper name identifying the military base or complex. The base name corresponds to the BCN.
BSE_PRIMARY_ GEOLOC	No	Varchar2(4)		Should there be more than one military installation identified by the BCN, the principal base is identified in this field by it's corresponding Geolocation code.
CYST_CD	No	Varchar2(2)	Foreign	The Country/State code identifies a specific country and/or state in the world for which the Geolocation code resides.
DOD_FAC_CAT_CD	No	Varchar2(4)	Foreign	The DOD Facility Category code is a unique character set assigned to identify each facility category.
USING_SERVICE	No	Varchar2(1)	Foreign	This code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., for whom a requirement is being generated. This code is the same utilized by the SERVICE_CODE and CONSTRUCTING_SERVICE fields used in other tables, but the usage is different. This specific field is used for all plan-dependent records.
LAD	No	Number(3)		The latest arrival date is the number of the day that is the absolute last day for which the shipment will arrive at the POD.
SUBCLASS	No	Varchar2(2)		This code describes the supply classification of the type of non-unit cargo.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
PCT_SHIPPED	Yes	Number(4,1)		The percent shipped is the percentage of non-unit cargo shipped. This field correlates with the STONS_TO_BE_SHIPPED and the MTONS_TO_BE_SHIPPED fields in this table. An adjustment to this field automatically adjusts the other two fields.
SHORT_TONS	Yes	Number(6,1)		The weight of the corresponding component. The value is represented as a whole number and tenths; i.e., '00123' is 12.3 tons.
MEASUREMENT_ TONS	Yes	Number(6)		The volume or cubical space of the corresponding component. The value is represented as a whole number; i.e., '00012' is 12 MTONS.
STONS_TO_BE_ SHIPPED	Yes	Number(6,1)		The STONS to be shipped field is the amount of weight of non-unit cargo to be shipped to the POD. This field correlates with the PCT_SHIPPED and the MTONS_TO_BE_SHIPPED fields in this table. An adjustment to this field automatically adjusts the other two fields.
MTONS_TO_BE_ SHIPPED	Yes	Number(6)		The MTONS to be shipped field is the amount of cubical space of non-unit cargo to be shipped to the POD. This field correlates with the PCT_SHIPPED and the STONS_TO_BE_SHIPPED fields in this table. An adjustment to this field automatically adjusts the other two fields.
MARK_FOR_ DELETION	Yes	Varchar2(1)		This flag ('Y'/'N') defines whether or not the corresponding record is to be sent to the LOGSAFE system. Should the user decide later on to send a record to LOGSAFE that contains an 'N' in this field, the value can be changed to a 'Y' to allow this record to be sent to LOGSAFE. The purpose of this is to save the user the time it would take to retype the record(s) again.

TABLE NAME: Operation

This table contains the options defined by the user the last time the same OPLAN was selected.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
PLN_IDR	No	Varchar2(9)	Primary	The Plan Identifier code is the same as the OPLAN Identifier code used in other tables. This code contains the same value as the user defined OPLAN.
C_DAY	No	Number(3)	Primary	The day which the deployment begins.
H_DAY	No	Number(3)	Primary	The day that the war damage assessment is to begin.
M_DAY	No	Number(3)	Primary	The day that is the earliest construction can begin.
PLAN_NAME	Yes	Varchar2(30)		The full name of the corresponding plan identifier (OPLAN).
ASSET_SOURCE_ INDICATOR	Yes	Number(1)		The code identifies the asset; i.e., 'U.S.,' 'HN,' or both, that is being used to satisfy the requirements.
USE_AUSTERE_ COMPONENT	Yes	Varchar2(1)		The flag ('Y'/'N') identifies whether or not the austere components are to be used for construction.
CLIMATIC_FIRS_ FLAG	Yes	Varchar2(1)		The flag ('Y'/'N') identifies whether or not the climatic factors are to be used.
CONTRACTOR_ ENGNG_PRTY	Yes	Number(1)		The contractor Engineering Priority code identifies the priority of the contracting engineering manpower resources.
END_OF_ ANALYSIS_PD	Yes	Number(3)		The end of analysis period is the number of the last day for which requirements are to be generated and analyzed.
ENGNG_FORCE_ UTILZN_INDR	Yes	Varchar2(1)		The engineering force utilization indicator identifies if engineers are to be used at the assigned base only or throughout the region.
ENGNG_RSRC_SEQ	Yes	Varchar2(1)		The engineering resource sequence identifies the order of the U.S., host nation, and contractor engineering manpower is to be applied.
ENGLISH_REPORT_ FLAG	Yes	Varchar2(1)		This flag ('Y'/'N') identifies whether or not the english unit of measure was used during analysis.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
GENERATE_RQMTS _TYPE	Yes	Varchar2(8)		The generate requirements type identifies the type of facilities to be determined.
HN_ENGINEERING_ PRIORITY	Yes	Number(1)		The host nation engineering priority identifies the ordinal priority of the host nation engineering manpower resources.
INCLUDE_HN_ ASSETS	Yes	Varchar2(1)		The flag ('Y'/'N') identifies whether or not the host nation assets are used to satisfy requirements during analysis.
METRIC_REPORT_ FLAG	Yes	Varchar2(1)		The flag ('Y'/'N') identifies whether or not the metric units of measure were used during analysis.
REPORT_CHOICE	Yes	Varchar2(1)		The code identifies the specific report that is to be produced.
REGION_ CONSTRAINT	Yes	Varchar2(2)		The requirements analysis region constraint code is used to limit requirements analysis to corresponding regions.
START_OF_ ANALYSIS_PERIOD	Yes	Number(3)		The start of analysis period is the number of the first day for which requirements are generated and analyzed.
US_ENEGNG_ PRIORITY	Yes	Number(1)		The U.S. engineering priority identifies the ordinal priority of the United States engineering manpower resources.
ASSESS_WAR_ DAMAGE	Yes	Varchar2(1)		The flag ('Y'/'N') identifies whether or not war damage was assessed during analysis.
SCENARIO_ SUMMARY	Yes	Varchar2(1)		
SCENARIO_FORCE_ LIST_SUMMARY	Yes	Varchar2(1)		
SCENARIO_ PLANNING_ GUIDANCE	Yes	Varchar2(1)		
APPLY_ATTRITION	Yes	Varchar2(1)		The flag ('Y'/'N') identifies whether or not attrition was applied during analysis.
WARNING_FLAG	Yes	Varchar2(1)		The flag ('Y'/'N') identifies whether or not the warning flag is used during analysis.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
FIXED_CLIMATIC_FACTOR	Yes	Number(3,1)		The flag ('Y'/'N') identifies whether or not the fixed climatic factor was used during analysis.

TABLE NAME: Originating_Location

This table, which may not be used, contains geolocation information defining the origin and port of embarkation.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
DESTINATION_ GEOLOC	No	Varchar2(4)	Foreign	The Geolocation code identifies a specific location; i.e., city, town, or base, of destination in the world.
POD_GEOLOC	No	Varchar2(4)	Foreign	The Geolocation code identifies a specific location; i.e., city, town, or base, of the POD in the world.
POE_GEOLOC	No	Varchar2(4)	Foreign	The Geolocation code identifies a specific location; i.e., city, town, or base, of the port of embarkation in the world.
ORIGINATING_ GEOLOC	No	Varchar2(4)	Primary	The Geolocation code identifies a specific location; i.e., city, town, or base, of origin in the world.
COUNTRY_CODE_ OF_ORIGIN	Yes	Varchar2(2)		The Country/State code identifies a specific country and/or state of origin in the world. The Geolocation code is a part of this code.
PERCENT_CARGO_ FROM_ORIGIN	No	Number(4,2)		The percentage of non-unit cargo shipped from the corresponding Originating Geolocation code.

TABLE NAME: Phase_In_Efficiency

This table is used to define the efficiency of an engineer, or engineering unit, and on arrival at the destination to perform construction.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
PLN_IDR	No	Varchar2(9)	Foreign	The Plan Identifier code is the same as the OPLAN Identifier code used in other tables. This code contains the same value as the user defined OPLAN.
PHASE_IN_DAYS	Yes	Number(1)		The number of the day (based on the day of arrival) of which to apply the corresponding phase in efficiency factors.
PHASE_IN_EFF_1	Yes	Number(3)		The phase in efficiency factor for Day 1 is the user defined percentage of efficiency of productivity expected of the engineer(s).
PHASE_IN_EFF_2	Yes	Number(3)		The phase in efficiency factor for Day 2 is the user defined percentage of efficiency of productivity expected of the engineer(s).
PHASE_IN_EFF_3	Yes	Number(3)		The phase in efficiency factor for Day 3 is the user defined percentage of efficiency of productivity expected of the engineer(s).
PHASE_IN_EFF_4	Yes	Number(3)		The phase in efficiency factor for Day 4 is the user defined percentage of efficiency of productivity expected of the engineer(s).
PHASE_IN_EFF_5	Yes	Number(3)		The phase in efficiency factor for Day 5 is the user defined percentage of efficiency of productivity expected of the engineer(s).
PHASE_IN_EFF_6	Yes	Number(3)		The phase in efficiency factor for Day 6 is the user defined percentage of efficiency of productivity expected of the engineer(s).
PHASE_IN_EFF_7	Yes	Number(3)		The phase in efficiency factor for Day 7 is the user defined percentage of efficiency of productivity expected of the engineer(s).

FIELDS	NULL	TYPE	KEY	DESCRIPTION
PHASE_IN_EFF_8	Yes	Number(3)		The phase in efficiency factor for Day 8 is the user defined percentage of efficiency of productivity expected of the engineer(s).
PHASE_IN_EFF_9	Yes	Number(3)		The phase in efficiency factor for Day 9 is the user defined percentage of efficiency of productivity expected of the engineer(s).

TABLE NAME: Planner_Input_Requirement

This table is used to define the requirements (or projects) at a specific base complex. It represents a unique facility requirement at a particular base complex, the requirement being input by the planner as opposed to computer-generated requirements, which create entries in the Project table.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	No	Number(2)	Foreign	The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
DOD_FAC_CAT_CD	No	Varchar2(4)	Foreign	The DOD Facility Category code is a unique character set assigned to identify each facility category.
FACILITY_ PROJECT_CLASS	No	Varchar2(1)	Foreign	This field identifies the type of work of the facility project.
USING_SERVICE	No	Varchar2(1)	Foreign	This code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., for whom a requirement is being generated. This code is the same utilized by the SERVICE_CODE and CONSTRUCTING_SERVICE fields used in other tables, but the usage is different. This specific field is used for all plan-dependent records.
DEMAND_COMPLN_ DTE	No	Number(3)		The demand completion date is the number of the day on which the facility must be ready.
SERVCOMP_CD	Yes	Varchar2(7)		The Service Component code identifies a specific collection of construction material.
NBR_OF_CMPNTS	Yes	Number(8)		The number of components is the amount needed to satisfy the specific requirement.
FACILITY_ QUANTITY_ REQUIRED	Yes	Number(9)		The amount of a facility needed.
FACILITY_ PRIORITY	No	Varchar2(1)		This field contains the code that identifies the specific facility's importance; i.e., 'C'ritical, 'E'ssential, or 'N'ecessary.
ALT_PROJECT_ TYPE	Yes	Number(2)		This field contains the code that identifies the alternate type of facility construction or repair task.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
ALT_ CONSTRUCTING_ SERVICE	Yes	Varchar2(1)		The code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., that is alternately responsible for the construction of the facility. This code is the same utilized by the SERVICE_CODE and USING_SERVICE fields used in other tables.
PLANNER_ FACILITY_ COMMENT	No	Varchar2(60)		The planner facility comment is to provide information about the corresponding planner input facility.

TABLE NAME: Plan_Fac_Construction_Policy

The construction policies define what type of construction can be done on the facility of the base complex defined by the OPLAN. It represents the priorities and policies associated with each DOD facility category for the OPLAN as a whole.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
DOD_FAC_CAT_CD	No	Varchar2(4)	Foreign	The DOD Facility Category code is a unique character set assigned to identify each facility category.
FACILITY_ PROJECT_CLASS	No	Varchar2(1)	Foreign	This field identifies the type of work of the facility project.
FACILITY_ PRIORITY	No	Varchar2(1)	Foreign	This field contains the code that identifies the specific facility's importance; i.e., 'C'ritical, 'E'ssential, or 'N'ecessary.
PRIORITY_ COMMENT	Yes	Varchar2(60)		The field provides for additional information corresponding to the facility priority.
FAC_PRTY_SEQ_ NBR	No	Number(3)	Primary	The facility priority sequence number is the priority rating of a facility within a priority class.
BUILD_DATE	Yes	Number(3)		The number of the day for which construction is to begin.
DELAY_DAYS_REQ	Yes	Number(3)		The delay days required is the number of days for which construction is delayed; i.e., waiting time for concrete to set, waiting on arrival of supplies, etc.

TABLE NAME: Plan_Sum

This table is the sum of the requirements for LSA from the Time_Period and Base_Complex tables. It provides the total requirements by day for the entire OPLAN. This sum is used to calculate the weighting factor for the base complex. The LSA_Interface table contains the field WEIGHTING_FACTOR. The WEIGHTING_FACTOR field value determines the importance of the base complex to the entire OPLAN.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
RCD	Yes	Number(3)		The required completion date is the number of the day for which the facility must be ready for use. This field name is also the same as the REQUIRED_ COMPL_DATE and DEMAND_ COMPLN_DTE fields used in other tables.
LSA_CODE	Yes	Varchar2(1)		The Logistics Sustainability code identifies the category of the assets available.
REQD	Yes	Number(10,1)		This value has been calculated based on the corresponding availability, capable, and required completion date values by an Ada program.

TABLE NAME: POD_Location

This table, which may not be used, contains geolocation information defining the destination and POD.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
DESTINATION_ GEOLOC	No	Varchar2(4)	Foreign	The Geolocation code identifies a specific location; i.e., city, town, or base, of destination in the world.
POD_GEOLOC	No	Varchar2(4)	Primary	The Geolocation code identifies a specific location; i.e., city, town, or base, of the POD in the world.
SHIP_TIME_FROM_ POD	No	Number(3)	Foreign	The shipping time from the POD to the base is the average number of days that it takes for shipping between the POD and the base.
PERCENT_CARGO_ FROM_POD	No	Number(4,2)		The percentage of non-unit cargo shipped from the corresponding POD Geolocation code.

TABLE NAME: POE_Location

This table, which may not be used, contains geolocation information defining the origin and ports of embarkation.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
DESTINATION_ GEOLOC	No	Varchar2(4)	Foreign	The Geolocation code identifies a specific location; i.e., city, town, or base, of destination in the world.
POD_GEOLOC	No	Varchar2(4)	Foreign	The Geolocation code identifies a specific location, i.e., city, town, or base, of the POD in the world.
POE_GEOLOC	No	Varchar2(4)	Primary	The Geolocation code identifies a specific location; i.e., city, town, or base, of the port of embarkation in the world.
SHIP_TIME_FROM_ POD	No	Number(3)	Foreign	The shipping time from the POD to the base is the average number of days that it takes for shipping between the POD and the base.
PERCENT_CARGO_ FROM_POD	No	Number(4,2)		The percentage of non-unit cargo shipped from the corresponding POD Geolocation code.

TABLE NAME: Preproj

This table is created during the requirement aggregation process following the requirements generation. The results are loaded into the Project table from the Adadata view.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	No	Number(2)	Foreign	The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
PROJ_NBR	No	Number(5)	Foreign	The project number identifies the specific facility construction requirement.
SUBPROJ_NBR	No	Number(2)	Foreign	The subproject number identifies the specific emergency repair project for new construction project(s) damaged by war.
DOD_FAC_CAT_CD	No	Varchar2(4)	Foreign	The DOD Facility Category code is a unique character set assigned to identify each facility category.
USING_SERVICE	No	Varchar2(1)	Foreign	This code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., for whom a requirement is being generated. This code is the same utilized by the SERVICE_CODE and CONSTRUCTING_SERVICE fields used in other tables, but the usage is different. This specific field is used for all plan-dependent records.
SERVCOMP_CD	No	Varchar2(7)	Foreign	The service component code identifies a specific collection of construction material.
CONSTRUCTING_ SERVICE	No	Varchar2(1)	Foreign	The code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., that is responsible for the construction of the facility. This code is the same utilized by the SERVICE_CODE and USING_SERVICE fields used in other tables.
PROJECT_TYPE	No	Number(2)	Foreign	This field contains the code that identifies the type of facility construction or repair task.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
REQUIRED_COMPL_ DATE	No	Number(3)	Foreign	The required completion date is the number of the day for which the facility must be ready for use. This field name is also the same as the RCD and DEMAND_COMPLN_DTE fields used in other tables.
FACILITY_ QUANTITY_ REQUIRED	No	Number(9,1)	Foreign	The amount of a facility needed to support deploying forces.
NUMBER_OF_ COMPONENTS_ REQD	No	Number(8,2)	Foreign	The number of components required is the amount of the corresponding component required during the time period.

TABLE NAME: Pre_Project

This table is created following the requirements generation. The text files created by requirements generation; i.e., PEOPLE.TXT, UNITALLO.TXT, etc., get loaded into Pre_Project table individually. The PRE_PROJECT data then gets loaded into the Adadata view.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	No	Number(2)	Foreign	The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
PROJ_NBR	No	Number(5)	Foreign	The project number identifies the specific facility construction requirement.
SUBPROJ_NBR	No	Number(2)	Foreign	The subproject number identifies the specific emergency repair project for new construction project(s) damaged by war.
DOD_FAC_CAT_CD	No	Varchar2(4)	Foreign	The DOD Facility Category code is a unique character set assigned to identify each facility category.
USING_SERVICE	No	Varchar2(1)	Foreign	This code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., for whom a requirement is being generated. This code is the same utilized by the SERVICE_CODE and CONSTRUCTING_SERVICE fields used in other tables, but the usage is different. This specific field is used for all plan-dependent records.
SERVCOMP_CD	No	Varchar2(7)	Foreign	The service component code identifies a specific collection of construction material.
CONSTRUCTING_ SERVICE	No	Varchar2(1)	Foreign	The code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., that is responsible for the construction of the facility. This code is the same utilized by the SERVICE_CODE and USING_SERVICE fields used in other tables.
PROJECT_TYPE	No	Number(2)	Foreign	This field contains the code that identifies the type of facility construction or repair task.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
REQUIRED_COMPL_ DATE	No	Number(3)	Foreign	The required completion date is the number of the day for which the facility must be ready for use. This field name is also the same as the RCD and DEMAND_COMPLN_DTE fields used in other tables.
FACILITY_ QUANTITY_ REQUIRED	No	Number(9,1)	Foreign	The amount of a facility needed.
NUMBER_OF_ COMPONENTS_ REQD	No	Number(8,2)	Foreign	The number of components required is the amount of the corresponding component required during the time period.

TABLE NAME: Pre_Unscheduled_Project

This table is used to store asset-unsatisfied projects after running Apply Assets function.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	Yes	Number(2)		The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
PROJ_NBR	Yes	Number(5)		The project number identifies the specific facility construction requirement.
SUBPROJ_NBR	Yes	Number(2)		The subproject number identifies the specific emergency repair project for new construction project(s) damaged by war.
DOD_FAC_CAT_CD	Yes	Varchar2(4)		The DOD Facility Category code is a unique character set assigned to identify each facility category.
FACILITY_ PROJECT_CLASS	Yes	Varchar2(1)		This field identifies the type of work of the facility project.
USING_SERVICE	Yes	Varchar2(1)		This code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., for whom a requirement is being generated. This code is the same utilized by the SERVICE_CODE and CONSTRUCTING_SERVICE fields used in other tables, but the usage is different. This specific field is used for all plan-dependent records.
SERVCOMP_CD	Yes	Varchar2(7)		The service component code identifies a specific collection of construction material.
SCHEDULED_ START_DATE	Yes	Number(3)		This field contains the number of the first day of which construction is scheduled to begin.
FACILITY_DATE_ AVAILABLE	Yes	Number(3)		The number of the day the facility will be ready or available.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
CONSTRUCTING_ SERVICE	Yes	Varchar2(1)		The code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., that is responsible for the construction of the facility. This code is the same utilized by the SERVICE_CODE and USING_SERVICE fields used in other tables.
PROJECT_TYPE	Yes	Number(2)		This field contains the code that identifies the type of facility construction or repair task.
REQUIRED_COMPL_ DATE	Yes	Number(3)		The required completion date is the number of the day for which the facility must be ready for use. This field name is also the same as the RCD and DEMAND_COMPLN_DTE fields used in other tables.
FACILITY_ PRIORITY	Yes	Varchar2(1)		This field contains the code that identifies the specific facility's importance; i.e., 'C'ritical, 'E'ssential, or 'N'ecessary.
UNIT_OF_MEASURE	Yes	Varchar2(2)		The type of measurement (square feet, yards, etc.) applied.
FACILITY_ QUANTITY_ REQUIRED	Yes	Number(9,1)		The amount of a facility needed.
NUMBER_OF_ COMPONENTS_ REQD	Yes	Number(8,2)		The nmber of components required is the amount of the corresponding component required during the time period.
FACILITY_ DESCRIPTION	Yes	Varchar2(20)		This field identifies the facility type of the corresponding DOD Facility Category code.
COMPONENT_ DESCRIPTION	Yes	Varchar2(20)		This field describes the corresponding Service Component code.
SERVCOMP_SZ	Yes	Number(7)		The service component size is the amount (in manhours) of a facility that is satisfied by the corresponding service component.
COMPONENT_COST	Yes	Number(6)		The cost of the corresponding component (in hundreds of dollars).

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_NM	Yes	Varchar2(20)		The proper name identifying the military base or complex. The base name corresponds to the BCN.
DAY_NUMBER	Yes	Number(3)		
TOTAL_PROJECT_ MAN_HOURS	Yes	Number(9,1)		
SHORT_TONS	Yes	Number(5)		The weight of the corresponding component. The value is represented as a whole number and tenths; i.e., '00123' is 12.3 tons.
MEASUREMENT_ TONS	Yes	Number(5)		The volume, or cubical space, of the corresponding component. The value is represented as a whole number; i.e., '00012' is 12 MTONS.
HORIZONTAL_ CONSTRUCTION_ MNHRS	Yes	Number(7,1)		The number of horizontal skill manhours needed, per day, to assemble the corresponding component.
VERTICAL_MNHR_ PER_DAY	Yes	Number(7,1)		The number of vertical skill manhours needed, per day, to assemble the corresponding component.
OTHER_ CONSTRUCTION_ MANHOURS	Yes	Number(7,1)		The number of other skill manhours needed, per day, to assemble the corresponding component.
MINIMUM_DAYS_ TO_BUILD	Yes	Number(3)		The absolute minimum number of days required to assemble the corresponding component.
REGION_CODE	Yes	Varchar2(2)		The world has been divided into specific areas or regions. This code identifies a specific region for which the Country/State code resides, of which the corresponding Geolocation resides.

TABLE NAME: Project

This table is where all requirements (or projects) are contained. This table provides input into the LSA module and the Apply Assets module.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	No	Number(2)	Foreign	The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
PROJ_NBR	No	Number(5)	Primary	The project number identifies the specific facility construction requirement.
DOD_FAC_CAT_CD	No	Varchar2(4)	Foreign	The DOD Facility Category code is a unique character set assigned to identify each facility category.
FACILITY_ PROJECT_CLASS	Yes	Varchar2(1)		This field identifies the type of work of the facility project.
USING_SERVICE	No	Varchar2(1)	Foreign	This code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., for whom a requirement is being generated. This code is the same utilized by the SERVICE_CODE and CONSTRUCTING_SERVICE fields used in other tables, but the usage is different. This specific field is used for all plan-dependent records.
SERVCOMP_CD	Yes	Varchar2(7)		The Service Component code identifies a specific collection of construction material.
SCHEDULED_ START_DATE	No	Number(3)		This field contains the number of the first day of which construction is scheduled to begin.
FACILITY_DATE_ AVAILABLE	No	Number(3)		The number of the day the facility will be ready or available.
CONSTRUCTING_ SERVICE	No	Varchar2(1)	Foreign	The code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., that is responsible for the construction of the facility. This code is the same utilized by the SERVICE_CODE and USING_SERVICE fields used in other tables.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
PROJECT_TYPE	No	Number(2)	Primary	This field contains the code that identifies the type of facility construction or repair task.
REQUIRED_COMPL_ DATE	No	Number(3)		The required completion date is the number of the day for which the facility must be ready for use. This field name is also the same as the RCD and DEMAND_COMPLN_DTE fields used in other tables.
FACILITY_ PRIORITY	No	Varchar2(1)	Foreign	This field contains the code that identifies the specific facility's importance; i.e., 'C'ritical, 'E'ssential, or 'N'ecessary.
UNIT_OF_MEASURE	No	Varchar2(2)	Foreign	The type of measurement (square feet, yards, etc.) applied.
FACILITY_ QUANTITY_ REQUIRED	No	Number(9,1)	Foreign	The amount of a facility needed.
NUMBER_OF_ COMPONENTS_ REQD	Yes	Number(8,2)		The number of components required is the amount of the corresponding component required during the time period.
FACILITY_ DESCRIPTION	Yes	Varchar2(20)		This field identifies the facility type of the corresponding DOD Facility Category code.
BSE_NM	Yes	Varchar2(20)		The proper name identifying the military base or complex. The base name corresponds to the BCN.

TABLE NAME: Scheduled_Project

This table contains all records that are asset satisfied (from AJEPES) and engineering resource satisfied (CJEPES, DJEPES) and all unsatisfied projects that have a facility date available of '181.' The output is used in the LSA Process.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	No	Number(2)	Foreign	The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
PROJ_NBR	No	Number(5)	Foreign	The project number identifies the specific facility construction requirement.
SUBPROJ_NBR	No	Number(2)	Foreign	The subproject number identifies the specific emergency repair project for new construction project(s) damaged by war.
DOD_FAC_CAT_CD	No	Varchar2(4)	Foreign	The DOD Facility Category code is a unique character set assigned to identify each facility category.
FACILITY_ PROJECT_CLASS	Yes	Varchar2(1)		This field identifies the type of work of the facility project.
USING_SERVICE	No	Varchar2(1)	Foreign	This code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., for whom a requirement is being generated. This code is the same utilized by the SERVICE_CODE and CONSTRUCTING_SERVICE fields used in other tables, but the usage is different. This specific field is used for all plan-dependent records.
SERVCOMP_CD	Yes	Varchar2(7)		The Service Component code identifies a specific collection of construction material.
SCHEDULED_ START_DATE	No	Number(3)		This field contains the number of the first day of which construction is scheduled to begin.
FACILITY_DATE_ AVAILABLE	No	Number(3)		The number of the day the facility will be ready or available.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
CONSTRUCTING_SERVICE	No	Varchar2(1)	Foreign	The code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., that is responsible for the construction of the facility. This code is the same utilized by the SERVICE_CODE and USING_SERVICE fields used in other tables.
PROJECT_TYPE	No	Number(2)	Foreign	This field contains the code that identifies the type of facility construction or repair task.
REQUIRED_COMPL_DATE	No	Number(3)	Foreign	The required completion date is the number of the day for which the facility must be ready for use. This field name is also the same as the RCD and DEMAND_COMPLN_DTE fields used in other tables.
FACILITY_PRIORITY	No	Varchar2(1)	Foreign	This field contains the code that identifies the specific facility's importance; i.e., 'C'ritical, 'E'ssential, or 'N'ecessary .
UNIT_OF_MEASURE	No	Varchar2(2)	Foreign	The type of measurement (square feet, yards, etc.) applied.
FACILITY_QUANTITY_REQUIRED	No	Number(9,1)	Foreign	The amount of a facility needed.
NUMBER_OF_COMPONENTS_REQD	Yes	Number(8,2)		The nmber of components required is the amount of the corresponding component required during the time period.
FACILITY_DESCRIPTION	Yes	Varchar2(20)		This field identifies the facility type of the corresponding DOD Facility Category code.
COMPONENT_DESCRIPTION	Yes	Varchar2(20)		This field describes the corresponding Service Component code.
SERVCOMP_SZ	Yes	Number(7)		The service component size is the amount (in manhours) of a facility that is satisfied by the corresponding service component.
COMPONENT_COST	Yes	Number(6)		The cost of the corresponding component (in hundreds of dollars).

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_NM	Yes	Varchar2(20)		The proper name identifying the military base or complex. The base name corresponds to the BCN.
DAY_NUMBER	Yes	Number(3)		
TOTAL_PROJECT_ MAN_HOURS	Yes	Number(8)		
SHORT_TONS	Yes	Number(5)		The weight of the corresponding component. The value is represented as a whole number and tenths; i.e., '00123' is 12.3 tons.
MEASUREMENT_ TONS	Yes	Number(5)		The volume or cubical space of the corresponding component. The value is represented as a whole number; i.e., '00012' is 12 MTONS.
HORIZONTAL_ CONSTRUCTION_ MNHRS	Yes	Number(6)		The number of horizontal skill manhours needed, per day, to assemble the corresponding component.
VERTICAL_MNHR_ PER_DAY	Yes	Number(6)		The number of vertical skill manhours needed, per day, to assemble the corresponding component.
OTHER_ CONSTRUCTION_ MANHOURS	Yes	Number(6)		The number of other skill manhours needed, per day, to assemble the corresponding component.
MINIMUM_DAYS_ TO_BUILD	Yes	Number(3)		The absolute minimum number of days required to assemble the corresponding component.

TABLE NAME: Skill_Sub

This table defines the skill substitutes as a percentage; i.e., a horizontal engineer performing a vertical engineer's duties.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
PLN_IDR	No	Varchar2(9)	Foreign	The Plan Identifier code is the same as the OPLAN Identifier code used in other tables. This code contains the same value as the user defined OPLAN.
HORIZ_TO_OTHER	No	Number(4,2)		The horizontal to other factor is a percentage applied when substituting horizontal skills for other skills.
HORIZ_TO_ VERTICAL	No	Number(4,2)		The horizontal to vertical factor is a percentage applied when substituting horizontal skills for vertical skills.
OTHER_TO_HORIZ	No	Number(4,2)		The other to horizontal factor is a percentage applied when substituting other skills for horizontal skills.
OTHER_TO_ VERTICAL	No	Number(4,2)		The other to vertical factor is a percentage applied when substituting other skills for vertical skills.
VERTICAL_TO_ HORIZ	No	Number(4,2)		The vertical to horizontal factor is a percentage applied when substituting vertical skills for horizontal skills.
VERTICAL_TO_ OTHER	No	Number(4,2)		The vertical to other factor is a percentage applied when substituting vertical skills for other skills.

TABLE NAME: S_P_Tab

This table contains asset satisfied records. The input to this table comes from requirements analysis (Apply Assets) and the output supports the application of the U.S. engineering resources. Also, the same records are loaded into SCHEDULED_PROJECT via CRSCHPRJ.SQL.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	No	Number(2)		The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
PROJ_NBR	No	Number(5)		The project number identifies the specific facility construction requirement.
SUBPROJ_NBR	No	Number(2)		The subproject number identifies the specific emergency repair project for new construction project(s) damaged by war.
DOD_FAC_CAT_CD	No	Varchar2(4)		The DOD Facility Category code is a unique character set assigned to identify each facility category.
FACILITY_PROJECT_CLASS	Yes	Varchar2(1)		This field identifies the type of work of the facility project.
USING_SERVICE	No	Varchar2(1)		This code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., for whom a requirement is being generated. This code is the same utilized by the SERVICE_CODE and CONSTRUCTING_SERVICE fields used in other tables, but the usage is different. This specific field is used for all plan-dependent records.
SERVCOMP_CD	Yes	Varchar2(7)		The service component code identifies a specific collection of construction material.
SCHEDULED_START_DATE	No	Number(3)		This field contains the number of the first day of which construction is scheduled to begin.
FACILITY_DATE_AVAILABLE	No	Number(3)		The number of the day the facility will be ready or available.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
CONSTRUCTING_ SERVICE	No	Varchar2(1)		The code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., that is responsible for the construction of the facility. This code is the same utilized by the SERVICE_CODE and USING_SERVICE fields used in other tables.
PROJECT_TYPE	No	Number(2)		This field contains the code that identifies the type of facility construction or repair task.
REQUIRED_COMPL_ DATE	No	Number(3)		The required completion date is the number of the day for which the facility must be ready for use. This field name is also the same as the RCD and DEMAND_COMPLN_DTE fields used in other tables.
FACILITY_ PRIORITY	No	Varchar2(1)		This field contains the code that identifies the specific facility's importance; i.e., 'C'ritical, 'E'ssential, or 'N'ecessary.
UNIT_OF_MEASURE	No	Varchar2(2)		The type of measurement (square feet, yards, etc.) applied.
FACILITY_ QUANTITY_ REQUIRED	No	Number(9,1)		The amount of a facility needed.
NUMBER_OF_ COMPONENTS_ REQD	Yes	Number(8,2)		The number of components required is the amount of the corresponding component required during the time period.
FACILITY_ DESCRIPTION	Yes	Varchar2(20)		This field identifies the facility type of the corresponding DOD Facility Category code.
COMPONENT_ DESCRIPTION	Yes	Varchar2(20)		This field describes the corresponding Service Component code.
SERVCOMP_SZ	Yes	Number(7)		The service component size is the amount (in manhours) of a facility that is satisfied by the corresponding service component.
COMPONENT_COST	Yes	Number(6)		The cost of the corresponding component (in hundreds of dollars).

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_NM	Yes	Varchar2(20)		The proper name identifying the military base or complex. The base name corresponds to the BCN.
DAY_NUMBER	Yes	Number(3)		
TOTAL_PROJECT_ MAN_HOURS	Yes	Number(8)		
SHORT_TONS	Yes	Number(5)		The weight of the corresponding component. The value is represented as a whole number and tenths; i.e., '0012' is 12.3 tons.
MEASUREMENT_ TONS	Yes	Number(5)		The volume, or cubical space, of the corresponding component. The value is represented as a whole number; i.e., '00012' is 12 MTONS.
HORIZONTAL_ CONSTRUCTION_ MNHRS	Yes	Number(6)		The number of horizontal skill manhours needed, per day, to assemble the corresponding component.
VERTICAL_MNHR_ PER_DAY	Yes	Number(6)		The number of vertical skill manhours needed, per day, to assemble the corresponding component.
OTHER_ CONSTRUCTION_ MANHOURS	Yes	Number(6)		The number of other skill manhours needed, per day, to assemble the corresponding component.
MINIMUM_DAYS_ TO_BUILD	Yes	Number(3)		The absolute minimum number of days required to assemble the corresponding component.

TABLE NAME: Time_Period

This table defines time periods by the period, first day and last day.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
PLN_IDR	No	Varchar2(9)	Foreign	The Plan Identifier code is the same as the OPLAN Identifier code used in other tables. This code contains the same value as the user defined OPLAN.
PERIOD	No	Varchar2(20)	Primary	This describes the time period based on the corresponding First day and last day; i.e., 'C+1 to C+15.'
FIRST_DAY	No	Number(3)		The number of the first day of the corresponding period.
LAST_DAY	No	Number(3)		The number of the last day of the corresponding period.

TABLE NAME: Unit_Equipment

This table defines the actual number of pieces of equipment by unit type, equipment identifier, and service provider.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
UTC	No	Varchar2(5)	Foreign	The Unit Type code identifies the category of the military unit.
EQUIPMENT_ IDENTIFIER_CODE	No	Varchar2(7)	Foreign	This code classifies equipment types; i.e., an 'F16' equipment type is classified or identified as a 'F'ighter.
SERVICE_CODE	No	Varchar2(1)	Foreign	This code identifies the service that will be the user of the requirement.
EQUIPMENT_ PIECE_COUNT	No	Number(6)		The actual number of pieces of equipment corresponding to the unit type, equipment identifier, and the service.

TABLE NAME: Unit_Type

This table defines the unit type code by the strength (total number of people) and capability (total number of manhours) of the unit deployed by the service provider.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
UTC	No	Varchar2(5)	Primary	The Unit Type code identifies the category of the military unit.
AUTHORIZED_ PERSONNEL	No	Number(6)		The field contains the authorized maximum wartime strength (total number of personnel) for a unit.
SELF_ SUSTAINABILITY_ CODE	No	Varchar2(1)		This field identifies the field support capability of a unit.
SERVICE_CODE	No	Varchar2(1)	Foreign	This code identifies the specific service for the required force. This code is the same utilized by the USING_SERVICE and CONSTRUCTING_SERIVCE fields used in other tables, but the usage is different. This specific field is used for all plan-independent records.
ULC	Yes	Varchar2(3)		The Unit Level code describes the level of the unit for which the force requirement is stated.
UNIT_NAME	No	Varchar2(24)		The full name of the corresponding deployed unit.

TABLE NAME: Unscheduled_Project

This table contains records that were not asset satisfied. The input to this table is from requirements analysis (Apply Assets) and the output goes to requirements analysis (Apply U.S. engineering resources).

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	No	Number(2)	Foreign	The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
PROJ_NBR	No	Number(5)	Foreign	The project number identifies the specific facility construction requirement.
SUBPROJ_NBR	No	Number(2)	Foreign	The subproject number identifies the specific emergency repair project for new construction project(s) damaged by war.
DOD_FAC_CAT_CD	No	Varchar2(4)	Foreign	The DOD Facility Category code is a unique character set assigned to identify each facility category.
FACILITY_ PROJECT_CLASS	Yes	Varchar2(1)		This field identifies the type of work of the facility project.
USING_SERVICE	No	Varchar2(1)	Foreign	This code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., for whom a requirement is being generated. This code is the same utilized by the SERVICE_CODE and CONSTRUCTING_SERVICE fields used in other tables, but the usage is different. This specific field is used for all plan-dependent records.
SERVCOMP_CD	Yes	Varchar2(7)		The Service Component code identifies a specific collection of construction material.
SCHEDULED_ START_DATE	No	Number(3)		This field contains the number of the first day of which construction is scheduled to begin.
FACILITY_DATE_ AVAILABLE	No	Number(3)		The number of the day the facility will be ready or available.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
CONSTRUCTING_ SERVICE	No	Varchar2(1)	Foreign	The code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., that is responsible for the construction of the facility. This code is the same utilized by the SERVICE_CODE and USING_SERVICE fields used in other tables.
PROJECT_TYPE	No	Number(2)	Foreign	This field contains the code that identifies the type of facility construction or repair task.
REQUIRED_COMPL_ DATE	No	Number(3)	Foreign	The required completion date is the number of the day for which the facility must be ready for use. This field name is also the same as the RCD and DEMAND_COMPLN_DTE fields used in other tables.
FACILITY_ PRIORITY	No	Varchar2(1)	Foreign	This field contains the code that identifies the specific facility's importance; i.e., 'C'ritical, 'E'ssential, or 'N'ecessary.
UNIT_OF_MEASURE	No	Varchar2(2)	Foreign	The type of measurement (square feet, yards, etc.) applied.
FACILITY_ QUANTITY_ REQUIRED	No	Number(9,1)	Foreign	The amount of a facility needed.
NUMBER_OF_ COMPONENTS_ REQD	Yes	Number(8,2)		The number of components required is the amount of the corresponding component required during the time period.
FACILITY_ DESCRIPTION	Yes	Varchar2(20)		This field identifies the facility type of the corresponding DOD Facility Category code.
COMPONENT_ DESCRIPTION	Yes	Varchar2(20)		This field describes the corresponding Service Component code.
SERVCOMP_SZ	Yes	Number(7)		The service component size is the amount (in manhours) of a facility that is satisfied by the corresponding service component.
COMPONENT_COST	Yes	Number(6)		The cost of the corresponding component (in hundreds of dollars).

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_NM	Yes	Varchar2(20)		The proper name identifying the military base or complex. The base name corresponds to the BCN.
DAY_NUMBER	Yes	Number(3)		
TOTAL_PROJECT_ MAN_HOURS	Yes	Number(9,1)		
SHORT_TONS	Yes	Number(5)		The weight of the corresponding component. The value is represented as a whole number and tenths; i.e., '00123' is 12.3 tons.
MEASUREMENT_ TONS	Yes	Number(5)		The volume, or cubical space, of the corresponding component. The value is represented as a whole number; i.e., '00012' is 12 MTONS.
HORIZONTAL_ CONSTRUCTION_ MNHRS	Yes	Number(7,1)		The number of horizontal skill manhours needed, per day, to assemble the corresponding component.
VERTICAL_MNHR_ PER_DAY	Yes	Number(7,1)		The number of vertical skill manhours needed, per day, to assemble the corresponding component.
OTHER_ CONSTRUCTION_ MANHOURS	Yes	Number(7,1)		The number of other skill manhours needed, per day, to assemble the corresponding component.
MINIMUM_DAYS_ TO_BUILD	Yes	Number(3)		The absolute minimum number of days required to assemble the corresponding component.
REGION_CODE	Yes	Varchar2(2)		The world has been divided into specific areas or regions. This code identifies a specific region for which the Country/State code resides, of which the corresponding Geolocation resides.

TABLE NAME: War_Damage_Factor

This table defines the restoration and war damage factors related to the construction of a facility (or Asset).

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	No	Number(2)	Foreign	The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
GEOLOC_CODE	No	Varchar2(4)	Foreign	Each code identifies a specific location; i.e., city, town, or base, in the world. Each code is, therefore, unique.
DOD_FAC_CAT_CD	No	Varchar2(4)	Foreign	The DOD Facility Category code is a unique character set assigned to identify each facility category.
ASSET_OWNER	No	Varchar2(1)		This code identifies the military service provider of the assets within the corresponding facility category.
RESTFAC0	No	Number(5,3)		The Restoration Factor field for Day 0 is the percentage of damage to be repaired on this day.
RESTFAC1	No	Number(5,3)		The Restoration Factor field for Day 1 is the percentage of damage to be repaired on this day.
RESTFAC2	No	Number(5,3)		The Restoration Factor field for Day 2 is the percentage of damage to be repaired on this day.
RESTFAC3	No	Number(5,3)		The Restoration Factor field for Day 3 is the percentage of damage to be repaired on this day.
RESTFAC4	No	Number(5,3)		The Restoration Factor field for Day 4 is the percentage of damage to be repaired on this day.
RESTFAC5	No	Number(5,3)		The Restoration Factor field for Day 5 is the percentage of damage to be repaired on this day.
RESTFAC6	No	Number(5,3)		The Restoration Factor field for Day 6 is the percentage of damage to be repaired on this day.
RESTFAC7	No	Number(5,3)		The Restoration Factor field for Day 7 is the percentage of damage to be repaired on this day.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
RESTFAC8	No	Number(5,3)		The Restoration Factor field for Day 8 is the percentage of damage to be repaired on this day.
RESTFAC9	No	Number(5,3)		The Restoration Factor field for Day 9 is the percentage of damage to be repaired on this day.
RESTFAC10	No	Number(5,3)		The Restoration Factor field for Day 10 is the percentage of damage to be repaired on this day.
RESTFAC11	No	Number(5,3)		The Restoration Factor field for Day 11 is the percentage of damage to be repaired on this day.
RESTFAC12	No	Number(5,3)		The Restoration Factor field for Day 12 is the percentage of damage to be repaired on this day.
RESTFAC13	No	Number(5,3)		The Restoration Factor field for Day 13 is the percentage of damage to be repaired on this day.
RESTFAC14	No	Number(5,3)		The Restoration Factor field for Day 14 is the percentage of damage to be repaired on this day.
RESTFAC15	No	Number(5,3)		The Restoration Factor field for Day 15 is the percentage of damage to be repaired on this day.
RESTFAC16	No	Number(5,3)		The Restoration Factor field for Day 16 is the percentage of damage to be repaired on this day.
RESTFAC17	No	Number(5,3)		The Restoration Factor field for Day 17 is the percentage of damage to be repaired on this day.
RESTFAC18	No	Number(5,3)		The Restoration Factor field for Day 18 is the percentage of damage to be repaired on this day.
RESTFAC19	No	Number(5,3)		The Restoration Factor field for Day 19 is the percentage of damage to be repaired on this day.
RESTFAC20	No	Number(5,3)		The Restoration Factor field for Day 20 is the percentage of damage to be repaired on this day.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
RESTFAC21	No	Number(5,3)		The Restoration Factor field for Day 21 is the percentage of damage to be repaired on this day.
RESTFAC22	No	Number(5,3)		The Restoration Factor field for Day 22 is the percentage of damage to be repaired on this day.
RESTFAC23	No	Number(5,3)		The Restoration Factor field for Day 23 is the percentage of damage to be repaired on this day.
RESTFAC24	No	Number(5,3)		The Restoration Factor field for Day 24 is the percentage of damage to be repaired on this day.
RESTFAC25	No	Number(5,3)		The Restoration Factor field for Day 25 is the percentage of damage to be repaired on this day.
RESTFAC26	No	Number(5,3)		The Restoration Factor field for Day 26 is the percentage of damage to be repaired on this day.
RESTFAC27	No	Number(5,3)		The Restoration Factor field for Day 27 is the percentage of damage to be repaired on this day.
RESTFAC28	No	Number(5,3)		The Restoration Factor field for Day 28 is the percentage of damage to be repaired on this day.
RESTFAC29	No	Number(5,3)		The Restoration Factor field for Day 29 is the percentage of damage to be repaired on this day.
RESTFAC30	No	Number(5,3)		The Restoration Factor field for Day 30 is the percentage of damage to be repaired on this day.
AWARDM0	No	Number(5,3)		The War Damage field for Day 0 is the percentage of damage caused by war to the corresponding facility.
AWARDM1	No	Number(5,3)		The War Damage field for Day 1 is the percentage of damage caused by war to the corresponding facility.
AWARDM2	No	Number(5,3)		The War Damage field for Day 2 is the percentage of damage caused by war to the corresponding facility.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
AWARDM3	No	Number(5,3)		The War Damage field for Day 3 is the percentage of damage caused by war to the corresponding facility.
AWARDM4	No	Number(5,3)		The War Damage field for Day 4 is the percentage of damage caused by war to the corresponding facility.
AWARDM5	No	Number(5,3)		The War Damage field for Day 5 is the percentage of damage caused by war to the corresponding facility.
AWARDM6	No	Number(5,3)		The War Damage field for Day 6 is the percentage of damage caused by war to the corresponding facility.
AWARDM7	No	Number(5,3)		The War Damage field for Day 7 is the percentage of damage caused by war to the corresponding facility.
AWARDM8	No	Number(5,3)		The War Damage field for Day 8 is the percentage of damage caused by war to the corresponding facility.
AWARDM9	No	Number(5,3)		The War Damage field for Day 9 is the percentage of damage caused by war to the corresponding facility.
AWARDM10	No	Number(5,3)		The War Damage field for Day 10 is the percentage of damage caused by war to the corresponding facility.
AWARDM11	No	Number(5,3)		The War Damage field for Day 11 is the percentage of damage caused by war to the corresponding facility.
AWARDM12	No	Number(5,3)		The War Damage field for Day 12 is the percentage of damage caused by war to the corresponding facility.
AWARDM13	No	Number(5,3)		The War Damage field for Day 13 is the percentage of damage caused by war to the corresponding facility.
AWARDM14	No	Number(5,3)		The War Damage field for Day 14 is the percentage of damage caused by war to the corresponding facility.
AWARDM15	No	Number(5,3)		The War Damage field for Day 15 is the percentage of damage caused by war to the corresponding facility.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
AWARDM16	No	Number(5,3)		The War Damage field for Day 16 is the percentage of damage caused by war to the corresponding facility.
AWARDM17	No	Number(5,3)		The War Damage field for Day 17 is the percentage of damage caused by war to the corresponding facility.
AWARDM18	No	Number(5,3)		The War Damage field for Day 18 is the percentage of damage caused by war to the corresponding facility.
AWARDM19	No	Number(5,3)		The War Damage field for Day 19 is the percentage of damage caused by war to the corresponding facility.
AWARDM20	No	Number(5,3)		The War Damage field for Day 20 is the percentage of damage caused by war to the corresponding facility.
AWARDM21	No	Number(5,3)		The War Damage field for Day 21 is the percentage of damage caused by war to the corresponding facility.
AWARDM22	No	Number(5,3)		The War Damage field for Day 22 is the percentage of damage caused by war to the corresponding facility.
AWARDM23	No	Number(5,3)		The War Damage field for Day 23 is the percentage of damage caused by war to the corresponding facility.
AWARDM24	No	Number(5,3)		The War Damage field for Day 24 is the percentage of damage caused by war to the corresponding facility.
AWARDM25	No	Number(5,3)		The War Damage field for Day 25 is the percentage of damage caused by war to the corresponding facility.
AWARDM26	No	Number(5,3)		The War Damage field for Day 26 is the percentage of damage caused by war to the corresponding facility.
AWARDM27	No	Number(5,3)		The War Damage field for Day 27 is the percentage of damage caused by war to the corresponding facility.
AWARDM28	No	Number(5,3)		The War Damage field for Day 28 is the percentage of damage caused by war to the corresponding facility.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
AWARDM29	No	Number(5,3)		The War Damage field for Day 29 is the percentage of damage caused by war to the corresponding facility.
AWARDM30	No	Number(5,3)		The War Damage field for Day 30 is the percentage of damage caused by war to the corresponding facility.

VIEW NAME: Adadata

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	Yes	Number(2)		The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
PROJ_NBR	Yes	Number(5)		The project number identifies the specific facility construction requirement.
SUBPROJ_NBR	Yes	Number(2)		The subproject number identifies the specific emergency repair project for new construction project(s) damaged by war.
DOD_FAC_CAT_CD	Yes	Varchar2(4)		The DOD Facility Category code is a unique character set assigned to identify each facility category.
USING_SERVICE	Yes	Varchar2(1)		This code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., for whom a requirement is being generated.
SERVCOMP_CD	Yes	Varchar2(7)		The Service Component code identifies a specific collection of construction material.
CONSTRUCTING_ SERVICE	Yes	Varchar2(1)		The code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., that is responsible for the construction of the facility.
PROJECT_TYPE	Yes	Number(2)		This field contains the code that identifies the type of facility construction or repair task.
REQUIRED_COMPL_ DATE	Yes	Number(3)		The required completion date is the number of the day for which the facility must be ready for use. This field name is also the same as the RCD and DEMAND_COMPLN_DTE fields used in other tables.
FACILITY_ QUANTITY_ REQUIRED	Yes	Number		The amount of a facility needed to support deploying forces.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
NUMBER_OF_ COMPONENTS_ REQD	Yes	Number		The number of components required is the amount of the corresponding component required during the time period.

VIEW NAME: Geoloc_Tab

Geoloc_Tab is a view of the GCCS Geographic_Location table.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
GEOLOC_CODE	No	Varchar2(4)	Primary	Each code identifies a specific location; i.e., city, town, or base, in the world. Each code is, therefore, unique.
GEOLOC_NAME	Yes	Varchar2(32)		The Geolocation name is the name of the city, town, or base identified by the Geolocation code (GEOLOC_CODE).
CYST_CD	Yes	Varchar2(2)		The Country/State code identifies a specific country and/or state in the world for which the Geolocation code resides.
GEOLOC_LAT	Yes	Varchar2(7)		The Geolocation latitude identifies the precise latitude degree of the Geolocation. Must be defined with GEOLOC_LON.
GEOLOC_LON	Yes	Varchar2(8)		The Geolocation longitude identifies the precise longitude degree of the Geolocation. Must be defined with GEOLOC_LAT.
GEOLOC_TYPE_CD	Yes	Varchar2(3)		This identifies the installation type for the corresponding Geoloc code.

VIEW NAME: TP_POP

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	Yes	Number(2)		The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
TROOP_STRENGTH	Yes	Number		The actual number of personnel deployed to the corresponding base complex. For standard force requirements, personnel strength is defined by the UTC. For nonstandard force requirements, it is either established for a nonstandard UTC or a change to a standard UTC for use in a particular OPLAN. In the objective area, it is used to determine non-unit cargo and personnel requirements. This number must be '0' for the cargo portion of a split shipment.
FIRST_DAY	Yes	Number(3)		The number of the first day of the corresponding period.
PERIOD	Yes	Varchar2(20)		This describes the time period based on the corresponding first day and last day; i.e., 'C+1 to C+15.'

VIEW NAME: TP_Rqmts

FIELDS	NULL	TYPE	KEY	DESCRIPTION
BSE_CMPLX_NBR	Yes	Number(2)		The BCN is the unique number assigned to identify each military base and/or complex. This field name is also the same as the field BCN used in other tables.
DOD_FAC_CAT_CD	Yes	Varchar2(4)		The DOD Facility Category code is a unique character set assigned to identify each facility category.
FACILITY_ QUANTITY_ REQUIRED	Yes	Number		The amount of a facility needed to support deploying forces.
FIRST_DAY	Yes	Number(3)		The number of the first day of the corresponding period.
PERIOD	Yes	Varchar2(20)		This describes the time period based on the corresponding first day and last day; i.e., 'C+1 to C+15.'

VIEW NAME: V_2I

FIELDS	NULL	TYPE	KEY	DESCRIPTION
RCD	Yes	Number(3)		The required completion date is the number of the day for which the facility must be ready for use. This field name is also the same as the REQUIRED_ COMPL_DATE and DEMAND_ COMPLN_DTE fields used in other tables.
LSA_CODE	Yes	Varchar2(1)		The Logistics Sustainability code identifies the category of the assets available.
CAPABLE	Yes	Number		This is the dividend of LSA_INTERFACE.REDQ/LSA_INTE RFACE.AVAIL performed in an Ada program.

SYSTEM TABLES

TABLE NAME: Imp_Exp_List

This table lists the export file names residing in the user's *jepes* directory in a subdirectory called *oplans*.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
FILE_NAME	Yes	Varchar2(12)		Export file name

TABLE NAME: Req_Analysis_Tracking

This table contains the name of the JEPES screen and entry code(s) selected by the user during an OPLAN session.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
SCREEN_NAME	Yes	Varchar2(30)		The name of the screen utilized by the user.
ENTER_CODE	Yes	Varchar2(1)		The flag ('Y'/'N') defined by the user at the corresponding screen.

TABLE NAME: Usr_Query

This table lists the subdirectories residing in the user's *jepes* directory under a subdirectory called *user_rpt*.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
FILE_NAME	Yes	Varchar2(38)		User Report subdirectory

TABLE NAME: Usr_Query1

This table lists the user report file names residing in subdirectories under the *user_rpt* subdirectory.

FIELDS	NULL	TYPE	KEY	DESCRIPTION
FILE_NAME	Yes	Varchar2(38)		User Report file name

APPLICATION DATA ELEMENTS

FIELD NAME:
ACTUAL_HOURS_HORIZONTAL
MNEMONIC NAME:
Actual Number of Horizontal Hours
ALIAS NAME(S):

The number of hours available for horizontal personnel on the corresponding day.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Construction_Capability
Yes
Number(7,1)

FIELD NAME:
ACTUAL_HOURS_OTHER
MNEMONIC NAME:
Actual Number of Other Type Hours
ALIAS NAME(S):

The number of hours available for other personnel on the corresponding day.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Construction_Capability
Yes
Number(7,1)

FIELD NAME:
ACTUAL_HOURS_VERTICAL
MNEMONIC NAME:
Actual Number of Vertical Hours
ALIAS NAME(S):

The number of hours available for vertical personnel on the corresponding day.

TABLES:
NULL:

FIELD TYPES:
DEFINED BY:
Construction_Capability
        Yes
        Number(7,1)

FIELD NAME:
            ALT_CONSTRUCTING_SERVICE
MNEMONIC NAME:
            Alternate Construction Service
ALIAS NAME(S):
            SERVICE_CODE
            USING_SERVICE

This identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., that is alternately responsible for the construction of the facility.

TABLES:
            NULL:
        FIELD TYPES:
        DEFINED BY:
Planner_Input_Requirement
        Yes
        Varchar2(1)

FIELD NAME:
            ALT_PROJECT_TYPE
MNEMONIC NAME:
            Alternate Project Type Code
ALIAS NAME(S):

This identifies the alternate type of facility construction or repair task.

TABLES:
            NULL:
        FIELD TYPES:
        DEFINED BY:
Planner_Input_Requirement
        Yes
        Number(2)

FIELD NAME:
 APPLY_ATTRITION
MNEMONIC NAME:
 Apply Attrition
ALIAS NAME(S):

The flag ('Y'/'N') identifies whether or not attrition was applied during analysis.

TABLES:
 NULL:
 FIELD TYPES:
 DEFINED BY:
Operation
 Yes
 Varchar2(1)
 JEPES

FIELD NAME:
 ASSESS_WAR_DAMAGE
MNEMONIC NAME:
 Assess War Damage Code
ALIAS NAME(S):

The flag ('Y'/'N') identifies whether or not war damage was assessed during an analysis.

TABLES:
 NULL:
 FIELD TYPES:
 DEFINED BY:
Operation
 Yes
 Varchar2(1)
 JEPES

FIELD NAME:
 ASSET_COMMENT
MNEMONIC NAME:
 Asset Comment
ALIAS NAME(S):

Commentary about the corresponding facility categories (asset categories).

TABLES:
>> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

Asset
>> Yes
>> Varchar2(60)
>> User

FIELD NAME:
>> ASSET_OWNER
MNEMONIC NAME:
>> Asset Owner Code
ALIAS NAME(S):

This code identifies the military service provider of the assets within the corresponding facility category.

TABLES:
>> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

Asset
>> No
>> Varchar2(1)

War_Damage_Factor
>> No
>> Varchar2(1)

FIELD NAME:
>> ASSETS_ON_HAND
MNEMONIC NAME:
> Assets On Hand
ALIAS NAME(S):

The actual number, or amount, of assets available for the corresponding facility category at the corresponding base complex.

TABLES:
>> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

Aggregated_Asset
>> No

Number(10)

Asset

No
Number(8)

FIELD NAME:
ASSET_SOURCE_INDICATOR
MNEMONIC NAME:
Asset Source Indicator Code
ALIAS NAME(S):

This identifies the asset; i.e., 'U.S.,' 'HN,' or both, that is being used to satisfy the requirements.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Operation
Yes
Number(1)
JEPES

FIELD NAME:
ATTRITION_RATE_PD_1 - ATTRITION_RATE_PD_8
MNEMONIC NAME:
Attrition Rate For Period 1 - 8
ALIAS NAME(S):

The percentage that identifies how many individuals (personnel) will have to be replaced in the field defined period (1 - 8).

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Attrition_Factor
Yes
Number(4,2)
User

FIELD NAME:
AUSTERE_COMPONENT

MNEMONIC NAME:
                Austerity of Component
ALIAS NAME(S):

This field indicates the simpliest or lowest form of the corresponding component that will satisfy a requirement for short-term needs.

TABLES:
                NULL:
        FIELD TYPES:
        DEFINED BY:
Component
                No
                Varchar2(1)

FIELD NAME:
                AUTHORIZED_PERSONNEL
MNEMONIC NAME:
                Authorized Personnel
ALIAS NAME(S):

This is the authorized maximum war time strength (total number of personnel) for a unit.

TABLES:
                NULL:
        FIELD TYPES:
        DEFINED BY:
Unit_Type
                No
                Number(6)

FIELD NAME:
                AVAIL
MNEMONIC NAME:
                Availability
ALIAS NAME(S):

This field contains the sum of all asset satisfied requirements during the defined time period + any facility

whose construction will be completed during the same time period. This calculation is performed in an Ada program.

TABLES:
> **NULL:**
>> **FIELD TYPES:**
>> **DEFINED BY:**

Avail
> Yes
> Number(7,1)

LSA_Interface
> Yes
> Number(10,1)

FIELD NAME:
> AWARDM0 - AWARDM30

MNEMONIC NAME:
> War Damage for Day 0 - 30

ALIAS NAME(S):

The percentage of damage caused by war to the corresponding facility on the field defined day (0 - 30).

TABLES:
> **NULL:**
>> **FIELD TYPES:**
>> **DEFINED BY:**

Aggregated_Asset
> No
> Number(5,3)
> User

War_Damage_Factor
> No
> Number(5,3)

FIELD NAME:
> BASE_COMPLEX_GEOLOC_NAME

MNEMONIC NAME:
Name of Base Complex Geolocation
ALIAS NAME(S):

The proper name of the base complex associated with the corresponding Geolocation code.

TABLES:
        NULL:
      FIELD TYPES:
      DEFINED BY:
Base_Location
        Yes
        Varchar2(20)

FIELD NAME:
BASE_OWNER
MNEMONIC NAME:
Base Owner
ALIAS NAME(S):

The code represents the specific service of the military that owns the base represented by the BCN code. For this database, if there are two or more military services stationed at a base, the base owner is determined by which service has the most noncombatant personnel at that base.

TABLES:
        NULL:
      FIELD TYPES:
      DEFINED BY:
Base_Complex
        No
        Varchar2(1)

FIELD NAME:
BASE_POPULATION
MNEMONIC NAME:
Personnel Population of Base Complex

ALIAS NAME(S):

The number of personnel assigned to the corresponding base complex.

TABLES:
          NULL:
      FIELD TYPES:
      DEFINED BY:
Base_Complex
          No
          Number(9)

FIELD NAME:
          BASE_PRIMARY_GEOLOC
MNEMONIC NAME:
          Base Primary Geolocation
ALIAS NAME(S):
          BSE_PRIMARY_GEOLOC

Should there be more than one military installation identified by the BCN, the principal base is identified in this field by it's corresponding Geolocation code.

TABLES:
          NULL:
      FIELD TYPES:
      DEFINED BY:
Base_Complex
          No
          Varchar2(4)

LOGSAFE_Interface
          Yes
          Varchar2(4)
          JEPES

FIELD NAME:
          BCN
MNEMONIC NAME:
          BCN
ALIAS NAME(S):
          BSE_CMPLX_NBR

The unique number assigned to identify each military base and/or complex.

TABLES:
          NULL:
      FIELD TYPES:
      DEFINED BY:
Avail
          Yes
          Number(3)

Base_Sum
          Yes
          Number(3)
          JEPES
LSA_Interface
          Yes
          Number(3)
          JEPES

FIELD NAME:
          BSE_CMPLX_NBR
MNEMONIC NAME:
          Base Complex Number
ALIAS NAME(S):
          BCN

The unique number assigned to identify each military base and/or complex.

TABLES:
          NULL:
      FIELD TYPES:
      DEFINED BY:
Aggregated_Asset
          No
          Number(2)
Asset

No

Number(2)

Backup_Supply

No

Number(2)

Base_Complex

No

Number(2)

Base_Fac_Construction_

No

Number(2)

Policy

Base_Location

No

Number(2)

Component_Exception

No

Number(2)

Construction_Capability

No

Number(2)

Deployed_Eng_Sensitive_

No

Number(2)

Unit

Engineering_Support

No

Number(2)

Keys

Yes

Number(2)

JEPES

LSA_Requirement

No

Number(2)

Non-Unit_Cargo

No

Number(3)

Planner_Input_Requirement

No

Number(2)

Preproj

No

Number(2)

Pre_Project

No

Number(2)

Pre_Unscheduled_Project

Yes
Number(2)
Project
No
Number(2)
Scheduled_Project
No
Number(2)
S_P_Tab
No
Number(2)
Unscheduled_Project
No
Number(2)
War_Damage_Factor
No
Number(2)

FIELD NAME:
BSE_NM
MNEMONIC NAME:
Name of Base
ALIAS NAME(S):

The proper name identifying the military base or complex. The base name corresponds to the BCN and the Geolocation code.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Base_Complex
Yes

Varchar2(20)
LSA_Requirement
            Yes
            Varchar2(20)
Non_Unit_Cargo
            Yes
            Varchar2(20)
Pre_Unscheduled_Project
        Yes
        Varchar2(20)
Project
            Yes
            Varchar2(20)
Scheduled_Project
            Yes
            Varchar2(20)
S_P_Tab
            Yes
            Varchar2(20)
Unscheduled_Project
            Yes
            Varchar2(20)

FIELD NAME:
            BSE_PRIMARY_GEOLOC
MNEMONIC NAME:
            Base Primary Geolocation
ALIAS NAME(S):
            BASE_PRIMARY_GEOLOC

Should there be more than one military installation identified by the BCN, the principal base is identified in this field by it's corresponding Geolocation code.

TABLES:
            NULL:
        FIELD TYPES:
        DEFINED BY:
Non_Unit_Cargo
            No
            Varchar2(4)

FIELD NAME:
BUILD_DATE
MNEMONIC NAME:
ALIAS NAME(S):

The number of the day for which construction is to begin.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Plan_Fac_Construction_
Yes
Number(3)
Policy

FIELD NAME:
C_DAY
MNEMONIC NAME:
Commencement Day
ALIAS NAME(S):

The day the deployment begins.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Operation
No
Number(3)
JEPES

FIELD NAME:
CAPABLE
MNEMONIC NAME:
Capable
ALIAS NAME(S):

This is the dividend of LSA_INTERFACE.AVAIL/LSA_INTERFACE.REQD performed in the SQL*Plus
file \USERS\JEPES\SQL\BCN_WF.SQL.

TABLES:
> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

LSA_Interface
> Yes
> Number(6,3)

FIELD NAME:
> CARGO_AGGREGATION_PERIOD_SEQNO

MNEMONIC NAME:
> Non-Unit Cargo Aggregation Period Sequence Number

ALIAS NAME(S):

The cargo aggregation period sequence number identifies the order of the time periods.

TABLES:
> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

Cargo_Aggregation_Period
> No
> Varchar2(1)

FIELD NAME:
> CLIMATIC_ADJUSTMENT

MNEMONIC NAME:
> Climatic Adjustment

ALIAS NAME(S):

Climatic adjustment is used in determining the efficiency of an engineering unit.

TABLES:
> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

Climatic_Factor
> No
> Number(3,1)

FIELD NAME:
　　　　CLIMATIC_FIRS_FLAG
MNEMONIC NAME:
　　　　Climatic Factors Flag
ALIAS NAME(S):

The flag ('Y'/'N') identifies whether or not the climatic factors were used during analysis.

TABLES:
　　　　　NULL:
　　　FIELD TYPES:
　　　DEFINED BY:
Operation
　　　　Yes
　　　　Varchar2(1)
　　　　JEPES

FIELD NAME:
　　　　CNSTRN_PLCY_CD
MNEMONIC NAME:
　　　　Construction Policy Code
ALIAS NAME(S):

The Build Policy code assigned to each category code at the corresponding base complex.

TABLES:
　　　　　NULL:
　　　FIELD TYPES:
　　　DEFINED BY:
Base_Fac_Construction_
　　　No
　　　Number(1)
　Policy

FIELD NAME:
　　　　COMPONENT_COST

MNEMONIC NAME:
>> Cost of Service Component

ALIAS NAME(S):

The cost of the corresponding component (in hundreds of dollars).

TABLES:
>> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

Component
>> No
>> Number(6)

LSA_Requirement
>> Yes
>> Number(6)

Pre_Unscheduled_Project
> Yes
> Number(6)

Scheduled_Project
>> Yes
>> Number(6)

S_P_Tab
>> Yes
>> Number(6)

Unscheduled_Project
>> Yes
>> Number(6)

FIELD NAME:
>> COMPONENT_DESCRIPTION

MNEMONIC NAME:
>> Service Component Description

ALIAS NAME(S):

This field describes the corresponding Service Component code.

TABLES:
>> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

Component
>> No
>> Varchar2(20)

LSA_Requirement

Yes

Varchar2(20)

Pre_Unscheduled_Project

Yes

Varchar2(20)

Scheduled_Project

Yes

Varchar2(20)

S_P_Tab

Yes

Varchar2(20)

Unscheduled_Project

Yes

Varchar2(20)

FIELD NAME:

CONSTRUCTING_SERVICE

MNEMONIC NAME:

Service Responsible for Construction

ALIAS NAME(S):

SERVICE_CODE

USING_SERVICE

The code identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., that is responsible for the construction of the facility.

TABLES:

NULL:

FIELD TYPES:

DEFINED BY:

LSA_Requirement

No

Varchar2(1)

Preproj

No

Varchar2(1)

Pre_Project

No

Varchar2(1)

Pre_Unscheduled_Project

Yes

Varchar2(1)

Project

No

Varchar2(1)

Scheduled_Project
>No
>Varchar2(1)

S_P_Tab
>No
>Varchar2(1)

Unscheduled_Project
>No
>Varchar2(1)

FIELD NAME:
>CONTRACTOR_AFFILIATION

MNEMONIC NAME:
>Contractor Affiliation

ALIAS NAME(S):

This field contains the code that identifies the contractor as either the "U.S." or as the host nation.

TABLES:
>**NULL:**
>**FIELD TYPES:**
>**DEFINED BY:**

Engineering_Support
>No
>Varchar2(1)

FIELD NAME:
>CONTRACTOR_ENGNG_PRTY

MNEMONIC NAME:
>Contractor Engineering Priority Code

ALIAS NAME(S):

This identifies the priority of the contracting engineering manpower resources.

TABLES:
>**NULL:**
>**FIELD TYPES:**
>**DEFINED BY:**

Operation
>Yes
>Number(1)
>JEPES

FIELD NAME:

COUNTRY_CODE_OF_ORIGIN

MNEMONIC NAME:

Country/State Code Of Origin

ALIAS NAME(S):

This code identifies a specific country and/or state of origin in the world for which the Geolocation code resides.

TABLES:

NULL:

FIELD TYPES:

DEFINED BY:

Originating_Location

No

Varchar2(2)

FIELD NAME:

CYST_CD

MNEMONIC NAME:

Country/State Code

ALIAS NAME(S):

This code identifies a specific country and/or state in the world for which the Geolocation code resides.

TABLES:

NULL:

FIELD TYPES:

DEFINED BY:

Base_Complex

No

Varchar2(2)

Base_Location

No

Varchar2(2)

Geoloc_Tab

Yes

Varchar2(2)

LOGSAFE_Interface
Yes
Varchar2(2)
JEPES
Non_Unit_Cargo
No
Varchar2(2)

FIELD NAME:
DAY
MNEMONIC NAME:
Day
ALIAS NAME(S):
LAST_DAY

The number of the last day of the time period.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Avail
Yes
Number(3)
Construction_Capability
No
Number(3)
LSA_Export
Yes
Number(3)

FIELD NAME:
DAY
MNEMONIC NAME:
Day
ALIAS NAME(S):

The number of the day of construction being performed.

TABLES:
            NULL:
       FIELD TYPES:
       DEFINED BY:
Construction_Capability
       No
       Number(3)

FIELD NAME:
            DAY_NUMBER
MNEMONIC NAME:
            Number of the Day
ALIAS NAME(S):

TABLES:
            NULL:
       FIELD TYPES:
       DEFINED BY:
LSA_Requirement
       Yes
       Number(3)
Pre_Unscheduled_Project
       Yes
       Number(3)
Scheduled_Project
       Yes
       Number(3)
S_P_Tab
       Yes
       Number(3)
Unscheduled_Project
       Yes
       Number(3)

FIELD NAME:
            DELAY_DAYS_REQ

MNEMONIC NAME:
> Delay Days Required

ALIAS NAME(S):

The number of days for which construction is delayed; i.e., waiting time for concrete to set, waiting on arrival of supplies, etc.

TABLES:
> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

Plan_Fac_Construction_
> Yes
> Number(3)

  Policy

FIELD NAME:
> DEMAND_COMPLN_DTE

MNEMONIC NAME:
> Demand Completion Date

ALIAS NAME(S):
> RCD
> REQUIRED_COMPL_DATE

The number of the day on which the facility must be ready.

TABLES:
> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

Planner_Input_Requirement
> No
> Number(3)

FIELD NAME:
> DESTINATION_ARRIVAL_DATE

MNEMONIC NAME:
> Day of Arrival at Destination

ALIAS NAME(S):

The number of the day (relative to C_DAY, or the day of which deployment begins) that the deployed unit is to arrive at the destination.

TABLES:
> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

Deployed_Eng_Sensitive_
> No
> Number(3)

  Unit

FIELD NAME:
> DESTINATION_GELOC

MNEMONIC NAME:
> Destination Geolocation Code

ALIAS NAME(S):
> DESTINATION_GEOLOC

Each code identifies a specific location; i.e., city, town, or base, of destination in the world.

TABLES:
> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

Deployed_Eng_Sensitive_
> No
> Varchar2(4)

  Unit

FIELD NAME:
> DESTINATION_GELOC_NAME

MNEMONIC NAME:
> Name of the Destination Geolocation Code

ALIAS NAME(S):

The destination geolocation name is the name of the city, town, or base identified by the Destination Geolocation code (DESTINATION_GELOC) field.

TABLES:
> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

Deployed_Eng_Sensitive_
> Yes
> Varchar2(20)

  Unit

FIELD NAME:
> DESTINATION_GEOLOC
MNEMONIC NAME:
> Destination Geolocation Code
ALIAS NAME(S):
> DESTINATION_GEOLOC

Each code identifies a specific location; i.e., city, town, or base, of destination in the world.

TABLES:
> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

Destination_Location
> No
> Varchar2(4)

Originating_Location
> No
> Varchar2(4)

POD_Location
> No
> Varchar2(4)

POE_Location
> No
> Varchar2(4)

FIELD NAME:

>DOD_FAC_CAT_CD

MNEMONIC NAME:

>Department of Defense Facility Category Code

ALIAS NAME(S):

This a unique character set assigned to identify each facility category.

TABLES:

>>**NULL:**

>**FIELD TYPES:**

>**DEFINED BY:**

Aggregated_Asset

>>No

>>Varchar2(4)

Asset

>>No

>>Varchar2(4)

Base_Fac_Construction_

>No

>Varchar2(4)

 Policy

Component_Exception

>>No

>>Varchar2(4)

Engineering_Support

>>No

>>Varchar2(4)

Equipment_Planning_Factor

>No

>Varchar2(4)

Facility_Category

>>No

>>Varchar2(4)

Facility_Category_

>>No

>>Varchar2(4)

 Substitute

Facility_Component

>>No

>>Varchar2(4)

Facility_Requirement

No
Varchar2(4)
General_Planning_Factor
No
Varchar2(4)
LSA_Requirement
No
Varchar2(4)
Non_Unit_Cargo
No
Varchar2(4)
Planner_Input_Requirement
No
Varchar2(4)
Plan_Fac_Construction_
No
Varchar2(4)
 Policy
Preproj
No
Varchar2(4)
Pre_Project
No
Varchar2(4)
Pre_Unscheduled_Project
Yes
Varchar2(4)
Project
No
Varchar2(4)
Scheduled_Project
No
Varchar2(4)
S_P_Tab
No
Varchar2(4)
Unscheduled_Project
No
Varchar2(4)
War_Damage_Factor
No
Varchar2(4)

FIELD NAME:
END_OF_ANALYSIS_PD

MNEMONIC NAME:
>>End Of Analysis Period

ALIAS NAME(S):

This is the number of the last day for which requirements are to be generated and analyzed.

TABLES:
>>**NULL:**
>**FIELD TYPES:**
>**DEFINED BY:**

Operation
>>Yes
>>Number(3)
>>JEPES

FIELD NAME:
>>END_OF_CARGO_AGG_PD

MNEMONIC NAME:
>>Last Day of the Non-Unit Cargo Aggregation Period

ALIAS NAME(S):

The number of the last day of the time period for which non-unit cargo is summed.

TABLES:
>>**NULL:**
>**FIELD TYPES:**
>**DEFINED BY:**

Cargo_Aggregation_Period
>>No
>>Number(3)

FIELD NAME:
>>END_PERIOD_1 - END_PERIOD_4

MNEMONIC NAME:
>>Last Day for Period 1 - 4

ALIAS NAME(S):

The number of the last day in the field defined period (1 - 4) for which a component is excluded from processing.

TABLES:
>>**NULL:**
>**FIELD TYPES:**
>**DEFINED BY:**

Component_Exception
            No
            Number(3)

FIELD NAME:
            ENGINEERING_COMMENT
MNEMONIC NAME:
            Engineering Comment
ALIAS NAME(S):

Commentary about the corresponding engineering support record.

TABLES:
            NULL:
      FIELD TYPES:
      DEFINED BY:
Engineering_Support
            Yes
            Varchar2(60)

FIELD NAME:
            ENGLISH_REPORT_FLAG
MNEMONIC NAME:
            English Report Flag
ALIAS NAME(S):

This flag ('Y'/'N') identifies whether or not the English unit of measure was used during analysis.

TABLES:
            NULL:
      FIELD TYPES:
      DEFINED BY:
Operation
            Yes
            Varchar2(1)
            JEPES

FIELD NAME:
            ENGNG_FORCE_UTILZN_INDR
MNEMONIC NAME:

Engineering Force Utilization Indicator Code

ALIAS NAME(S):

This identifies if engineers are to be used at the assigned base only or throughout the region.

TABLES:
        NULL:
      FIELD TYPES:
      DEFINED BY:
Operation
        Yes
        Varchar2(1)
        JEPES

FIELD NAME:
        ENGNG_RSRC_SEQ
MNEMONIC NAME:
        Engineering Resource Sequence Number
ALIAS NAME(S):

This identifies the order of the U.S., host nation, and contractor engineering manpower is to be applied.

TABLES:
        NULL:
      FIELD TYPES:
      DEFINED BY:
Operation
        Yes
        Varchar2(1)
        JEPES

FIELD NAME:
        EQUIPMENT_CLASS
MNEMONIC NAME:
        Equipment Classification Code
ALIAS NAME(S):

This identifies the classification of the corresponding type of equipment.

TABLES:
        NULL:
      FIELD TYPES:

DEFINED BY:
Equipment_Type
No
Varchar2(1)

FIELD NAME:
EQUIPMENT_DESCRIPTION
MNEMONIC NAME:
Equipment Description
ALIAS NAME(S):

This field contains the type of equipment being provided by the service; i.e., an 'F16.'

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Equipment_Type
Yes
Varchar2(20)

FIELD NAME:
EQUIPMENT_IDENTIFIER_CODE
MNEMONIC NAME:
Equipment Identifier Code
ALIAS NAME(S):

This code classifies equipment types; i.e., an 'F16' equipment type is classified, or identified, as a 'F'ighter.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Equipment_Planning_Factor
No
Varchar2(7)
Equipment_Type
No
Varchar2(7)
Unit_Equipment
No
Varchar2(7)

FIELD NAME:

EQUIPMENT_PIECE_COUNT

MNEMONIC NAME:

Equipment Count by Piece

ALIAS NAME(S):

The actual number of pieces of equipment corresponding to the unit type, equipment identifier, and the service.

TABLES:

     NULL:
    FIELD TYPES:
    DEFINED BY:

Unit_Equipment

    No

    Number(6)

FIELD NAME:

FAC_PRTY_SEQ_NBR

MNEMONIC NAME:

Facility Priority Sequence Number

ALIAS NAME(S):

The facility priority sequence number is the priority rating of a facility within a priority class.

TABLES:

     NULL:
    FIELD TYPES:
    DEFINED BY:

Plan_Fac_Construction_

    No

    Number(3)

 Policy

FIELD NAME:
FACILITY_CLASS
MNEMONIC NAME:
Facility Classification Code
ALIAS NAME(S):

This identifies the classification of the corresponding facility category.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Facility_Category
Yes
Varchar2(1)

FIELD NAME:
FACILITY_DATE_AVAILABLE
MNEMONIC NAME:
Day Facility is Available
ALIAS NAME(S):

The number of the day the facility will be ready or available.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
LSA_Requirement
No
Number(3)
Pre_Unscheduled_Project
Yes
Number(3)
Project
No
Number(3)
Scheduled_Project
No
Number(3)
S_P_Tab
No
Number(3)

Unscheduled_Project
              No
              Number(3)

FIELD NAME:
              FACILITY_DESCRIPTION
MNEMONIC NAME:
              Facility Description
ALIAS NAME(S):

This field identifies the facility type of the corresponding DOD Facility Category code.

TABLES:
              NULL:
          FIELD TYPES:
          DEFINED BY:
Facility_Category
              No
              Varchar2(20)
LSA_Requirement
              Yes
              Varchar2(20)
Pre_Unscheduled_Project
          Yes
          Varchar2(20)
Project
              Yes
              Varchar2(20)
Scheduled_Project
               Yes
              Varchar2(20)
S_P_Tab
              Yes
              Varchar2(20)
Unscheduled_Project
              Yes
              Varchar2(20)

FIELD NAME:
              FACILITY_PRIORITY
MNEMONIC NAME:
              Facility Priority Code
ALIAS NAME(S):

This identifies the specific facility's importance; i.e., 'C'ritical, 'E'ssential, or 'N'ecessary.

TABLES:
      NULL:
      FIELD TYPES:
      DEFINED BY:

LSA_Requirement
      No
      Varchar2(1)

Planner_Input_Requirement
      No
      Varchar2(1)

Plan_Fac_Construction_
      No
      Varchar2(1)
 Policy

Pre_Unscheduled_Project
      Yes
      Varchar2(1)

Project
      No
      Varchar2(1)

Scheduled_Project
      No
      Varchar2(1)

S_P_Tab
      No
      Varchar2(1)

Unscheduled_Project
      No
      Varchar2(1)

FIELD NAME:
      FACILITY_PROJECT_CLASS
MNEMONIC NAME:
      Facility Project Classification
ALIAS NAME(S):

This field identifies the type of work of the facility project.

TABLES:
      NULL:

FIELD TYPES:
DEFINED BY:

Engineering_Support
No
Varchar2(1)
Facility_Component
No
Varchar2(1)
LSA_Requirement
Yes
Varchar2(1)
Planner_Input_Requirement
No
Varchar2(1)
Plan_Fac_Construction_
No
Varchar2(1)
 Policy
Pre_Unscheduled_Project
Yes
Varchar2(1)
Project
Yes
Varchar2(1)
Scheduled_Project
Yes
Varchar2(1)
S_P_Tab
Yes
Varchar2(1)
Unscheduled_Project
Yes
Varchar2(1)

FIELD NAME:
FACILITY_QUANTITY_REQUIRED
MNEMONIC NAME:
Facility Quantity Required
ALIAS NAME(S):

The amount of a facility needed.

TABLES:

Facility_Requirement
No
Number(9)
LSA_Requirement
No
Number(9,1)
Planner_Input_Requirement
Yes
Number(9)
Preproj
No
Number(9,1)
Pre_Project
No
Number(9,1)
Pre_Unscheduled_Project
Yes
Number(9,1)
Project
No
Number(9,1)
Scheduled_Project
No
Number(9,1)
S_P_Tab
No
Number(9,1)
Unscheduled_Project
No
Number(9,1)

FIELD NAME:
FIRST_DAY
MNEMONIC NAME:
First Day
ALIAS NAME(S):

The number of the first day of the corresponding period.

TABLES:
NULL:

FIELD TYPES:
DEFINED BY:
Time_Period
No
Number(3)

FIELD NAME:
FIRST_DAY_AVAILABLE
MNEMONIC NAME:
First Day the Resources are Available
ALIAS NAME(S):

The number of the first day of which the host nation or contractor engineering resources are available.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Engineering_Support
No
Number(3)

FIELD NAME:
FIRST_DAY_PD_1 - FIRST_DAY_PD_8
MNEMONIC NAME:
First Day in Period 1 - 8
ALIAS NAME(S):

The number of the first day in the field defined period (1 - 8).

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Attrition_Factor
Yes
Number(3)
User

FIELD NAME:
FIXED_CLIMATIC_FACTOR
MNEMONIC NAME:
Fixed Climatic Factor
ALIAS NAME(S):

The flag ('Y'/'N') identifies whether or not the fixed climatic factor was used during analysis.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Operation
Yes
Number(3,1)
JEPES

FIELD NAME:
FOLLOW_ON_COMP_CD
MNEMONIC NAME:
Follow-On Component Code
ALIAS NAME(S):

This identifies the specific component used to follow beddown or emergency repair.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Component
Yes
Varchar2(7)

FIELD NAME:
FOLLOW_ON_CONSTRNG_SERV
MNEMONIC NAME:
Follow-On Construction Service Code
ALIAS NAME(S):

This is the service, or military branch, responsible for the construction of the corresponding follow-on project.

TABLES:
           NULL:
        FIELD TYPES:
        DEFINED BY:
Component
          Yes
          Varchar2(1)

FIELD NAME:
         FOLLOW_ON_DELAY
MNEMONIC NAME:
         Follow-On Delay
ALIAS NAME(S):

This field contains the number of days that construction has to be delayed from the corresponding follow-on project.

TABLES:
           NULL:
        FIELD TYPES:
        DEFINED BY:
Component
          Yes
          Number(3)

FIELD NAME:
         FORCE_RQMT_NUMBER
MNEMONIC NAME:
         Force Requirement Number
ALIAS NAME(S):

This identifies an organization within an OPLAN.

TABLES:
           NULL:
        FIELD TYPES:
        DEFINED BY:
Deployed_Eng_Sensitive_
        No
        Varchar2(5)

 Unit

FIELD NAME:
        FRACTIONABLE
MNEMONIC NAME:
        Fractionability of Component
ALIAS NAME(S):

This flag ('Y'/'N') specifies whether the corresponding component can be used in part or not.

TABLES:
        NULL:
      FIELD TYPES:
      DEFINED BY:
Component
        No
        Varchar2(1)

FIELD NAME:
        FRAGMENTATION_CODE
MNEMONIC NAME:
        Fragmentation Code
ALIAS NAME(S):

This field identifies the designator for the fragmentation of a requesting force.

TABLES:
        NULL:
      FIELD TYPES:
      DEFINED BY:
Deployed_Eng_Sensitive_
      Yes
      Varchar2(1)

 Unit

FIELD NAME:
        GELOC_CD
MNEMONIC NAME:
        Geolocation Code
ALIAS NAME(S):
        GEOLOC_CODE

Each code identifies a specific location; i.e., city, town, or base, in the world. Each code is, therefore, unique.

TABLES:
       NULL:
    FIELD TYPES:
    DEFINED BY:

Asset
       No
       Varchar2(4)

Base_Location
       No
       Varchar2(4)

FIELD NAME:
       GENERATE_RQMTS_TYPE
MNEMONIC NAME:
       Generate Requirements Type
ALIAS NAME(S):

This identifies the type of facilities to be determined.

TABLES:
       NULL:
    FIELD TYPES:
    DEFINED BY:

Operation
       Yes
       Varchar2(8)
       JEPES

FIELD NAME:
       GEOLOC_CODE
MNEMONIC NAME:
       Geolocation Code
ALIAS NAME(S):
       GELOC_CD

Each code identifies a specific location; i.e., city, town, or base, in the world. Each code is, therefore, unique.

TABLES:
       NULL:
    FIELD TYPES:
    DEFINED BY:

Geoloc_Tab
       No
       Varchar2(4)

War_Damage_Factor
> No
> Varchar2(4)

FIELD NAME:
> GEOLOC_LAT

MNEMONIC NAME:
> Geolocation Latitude

ALIAS NAME(S):

This identifies the precise latitude degree of the Geolocation. Must be defined with GEOLOC_LON.

TABLES:
> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

Geoloc_Tab
> Yes
> Varchar2(7)

FIELD NAME:
> GEOLOC_LON

MNEMONIC NAME:
> Geolocation Longitude

ALIAS NAME(S):

This identifies the precise longitude degree of the Geolocation. Must be defined with GEOLOC_LAT.

TABLES:
> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

Geoloc_Tab
> Yes
> Varchar2(8)

FIELD NAME:
GEOLOC_NAME
MNEMONIC NAME:
Geolocation Name
ALIAS NAME(S):

This is the name of the city, town, or base identified by the Geolocation code (GEOLOC_CODE).

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Geoloc_Tab
Yes
Varchar2(32)

FIELD NAME:
GEOLOC_TYPE_CD
MNEMONIC NAME:
Geolocation Type Code
ALIAS NAME(S):

This identifies the installation type for the corresponding Geoloc code.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Geoloc_Tab
Yes
Varchar2(3)

FIELD NAME:
H_DAY
MNEMONIC NAME:
Hostility Day
ALIAS NAME(S):

The day, relative to the C_day, the war damage assessment is to begin.

TABLES:

NULL:
FIELD TYPES:
DEFINED BY:
Operation

No
Number(3)
JEPES

FIELD NAME:

HN_ENGINEERING_PRIORITY
MNEMONIC NAME:

Host Nation Engineering Priority
ALIAS NAME(S):

This identifies the ordinal priority of the host nation engineering manpower resources.

TABLES:

NULL:
FIELD TYPES:
DEFINED BY:
Operation

Yes
Number(1)
JEPES

FIELD NAME:

HORIZ_TO_OTHER
MNEMONIC NAME:

Horizontal To Other Factor
ALIAS NAME(S):

This is a percentage applied when substituting horizontal skills for other skills.

TABLES:

NULL:
FIELD TYPES:
DEFINED BY:
Skill_Sub

No
Number(4,2)
User

FIELD NAME:
>
> HORIZ_TO_VERTICAL

MNEMONIC NAME:
>
> Horizontal To Vertical Factor

ALIAS NAME(S):

This is a percentage applied when substituting horizontal skills for vertical skills.

TABLES:
>
> **NULL:**
>
> **FIELD TYPES:**
>
> **DEFINED BY:**

Skill_Sub
>
> No
>
> Number(4,2)
>
> User

FIELD NAME:
>
> HORIZONTAL_CONSTRUCTION_MNHRS

MNEMONIC NAME:
>
> Horizontal Manhours Per Day for Construction

ALIAS NAME(S):

The number of horizontal skill manhours needed, per day, to assemble the corresponding component.

TABLES:
>
> **NULL:**
>
> **FIELD TYPES:**
>
> **DEFINED BY:**

Component
>
> No
>
> Number(5)

LSA_Requirement
>
> Yes
>
> Number(6)

Pre_Unscheduled_Project
>
> Yes
>
> Number(7,1)

Scheduled_Project
>
> Yes
>
> Number(6)

S_P_Tab
>
> Yes
>
> Number(6)

Unscheduled_Project
>
> Yes

Number(7,1)

FIELD NAME:
HORIZONTAL_MNHR_CPBLTY_PER_DAY
MNEMONIC NAME:
Horizontal Manhour Capability Per Day
ALIAS NAME(S):

The horizontal manhour capability per day contains the number of manhours, per day, of personnel performing horizontal construction.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Engineering_Unit_
No
Number(5)
Capability

FIELD NAME:
INCLUDE_HN_ASSETS
MNEMONIC NAME:
Include Host Nation Assets
ALIAS NAME(S):

This flag ('Y'/'N') identifies whether or not the host nation assets are used to satisfy requirements during analysis.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Operation
Yes
Varchar2(1)
JEPES

D-145

FIELD NAME:
> INSERT_CODE

MNEMONIC NAME:
> Insertion Code

ALIAS NAME(S):

This identifies the designator for the inserting subordinates in a fragmentation or increment. It is used to retain the original fragmentation of forces when a planned movement requirement requires additional subdivision.

TABLES:
> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

Deployed_Eng_Sensitive_
> Yes
> Varchar2(1)

  Unit

FIELD NAME:
> LAD

MNEMONIC NAME:
> Latest Arrival Date

ALIAS NAME(S):

This is the number of the day that is the absolute last day for which the shipment will arrive at the POD.

TABLES:
> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

LOGSAFE_Interface
> Yes
> Number(3)

Non_Unit_Cargo
> No
> Number(3)

FIELD NAME:
> LAST_DAY

MNEMONIC NAME:
> Last Day

ALIAS NAME(S):
> DAY

The number of the last day of the corresponding period.

TABLES:
> **NULL:**
> > **FIELD TYPES:**
> > **DEFINED BY:**

Time_Period
> No
> Number(3)

FIELD NAME:
> LAST_DAY_HN_OR_CNTTR_ENG_AVAIL

MNEMONIC NAME:
> Last Day Host Nation Or Contractor Engineering Resources are Available

ALIAS NAME(S):

The number of the last day of which the host nation or contractor engineering resources are available.

TABLES:
> **NULL:**
> > **FIELD TYPES:**
> > **DEFINED BY:**

Engineering_Support
> No
> Number(3)

FIELD NAME:
> LAST_DAY_PD_1 - LAST_DAY_PD_8

MNEMONIC NAME:
> Last Day in Period 1 - 8

ALIAS NAME(S):

The number of the last day in the field defined period 1 - 8.

TABLES:
> **NULL:**
> > **FIELD TYPES:**

DEFINED BY:
Attrition_Factor

        Yes

        Number(3)

        User

FIELD NAME:

        LSA_CODE

MNEMONIC NAME:

        Logistics Sustainability Analysis Code

ALIAS NAME(S):

The Logistics Sustainability code identifies the category of the assets available.

TABLES:

        NULL:

      FIELD TYPES:

      DEFINED BY:

Avail

        Yes

        Varchar2(1)

Base_Sum

        Yes

        Varchar2(1)

Facility_Category

        Yes

        Varchar2(1)

LSA_Export

        Yes

        Varchar2(1)

LSA_Interface

        Yes

        Varchar2(1)

Plan_Sum

        Yes

        Varchar2(1)

FIELD NAME:

        M_DAY

MNEMONIC NAME:

        Mobilization Day

ALIAS NAME(S):

The number of the day (relative to the C_day) that is the earliest construction can begin.

TABLES:
> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

Operation
> No
> Number(3)
> JEPES

FIELD NAME:
> MARK_FOR_DELETION

MNEMONIC NAME:
> Mark For Deletion

ALIAS NAME(S):

This flag ('Y'/'N') defines whether or not the corresponding record is to be sent to the LOGSAFE system. Should the user decide later on to send a record to LOGSAFE that contains an 'N'in this field, the value can be changed to a 'Y' allow this record to be sent to LOGSAFE. The purpose of this is to save the user the time it would take to retype the record(s) again.

TABLES:
> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

Non_Unit_Cargo
> Yes
> Varchar2(1)
> User

FIELD NAME:
> MAX_AVAIL_MANHOURS_PER_DAY

MNEMONIC NAME:
> Maximum Available Manhours Per Day

ALIAS NAME(S):

The maximum available manhours per day is the number of hours, per day, available from either the host nation or contractor.

TABLES:
        NULL:
     FIELD TYPES:
     DEFINED BY:
Engineering_Support
       No
       Number(6)

FIELD NAME:
       MAX_FACILITY_QUANTITY
MNEMONIC NAME:
       Maximum Facility Quantity
ALIAS NAME(S):

The maximum facility quantity is the amount that may be assigned for construction.

TABLES:
        NULL:
     FIELD TYPES:
     DEFINED BY:
Engineering_Support
       No
       Number(8)

FIELD NAME:
       MEASUREMENT_TONS
MNEMONIC NAME:
       Measurement Tons
ALIAS NAME(S):

The volume, or cubical space, of the corresponding component. The value is represented as a whole number; i.e., '00012' is 12 MTONS.

TABLES:
        NULL:
     FIELD TYPES:
     DEFINED BY:
Component
       No
       Number(5)
LSA_Requirement
       Yes

Number(5)

Non_Unit_Cargo

Yes

Number(6)

Pre_Unscheduled_Project

Yes

Number(5)

Scheduled_Project

Yes

Number(5)

S_P_Tab

Yes

Number(5)

Unscheduled_Project

Yes

Number(5)

FIELD NAME:

       METRIC_REPORT_FLAG

MNEMONIC NAME:

       Metric Report Flag

ALIAS NAME(S):

The flag ('Y'/'N') identifies whether or not the metric units of measure were used in analysis.

TABLES:

       NULL:

    FIELD TYPES:

    DEFINED BY:

Operation

       Yes

       Varchar2(1)

       JEPES

FIELD NAME:

       MINIMUM_DAYS_TO_BUILD

MNEMONIC NAME:

       Minimum Number of Days to Build a Component

ALIAS NAME(S):

The absolute minimum number of days required to assemble the corresponding component.

TABLES:

       NULL:

    FIELD TYPES:

    DEFINED BY:

Component

       No

       Number(3)

LSA_Requirement

       Yes

       Number(3)

Pre_Unscheduled_Project

    Yes

    Number(3)

Scheduled_Project

       Yes

       Number(3)

S_P_Tab

       Yes

Number(3)
Unscheduled_Project
Yes
Number(3)

FIELD NAME:
MTON_PCT_1 - MTON_PCT_4
MNEMONIC NAME:
Percentage of Measurement Tons in Period 1 - 4
ALIAS NAME(S):

The percentage of MTONS to exclude during the field defined period (1 - 4).

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Component_Exception
Yes
Number(4,2)

FIELD NAME:
MTONS_TO_BE_SHIPPED
MNEMONIC NAME:
Measurement Tons To Be Shipped
ALIAS NAME(S):

The measurement tons to be shipped field is the amount of cubical space of non-unit cargo to be shipped to the POD.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
LOGSAFE_Interface
Yes
Number(6)
Non_Unit_Cargo

Yes
Number(6)

FIELD NAME:
NBR_OF_CMPNTS
MNEMONIC NAME:
Number Of Components
ALIAS NAME(S):

The amount needed to satisfy the specific requirement.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Planner_Input_Requirement
Yes
Number(8)

FIELD NAME:
NON_COMBATANT_POPULATION
MNEMONIC NAME:
Personnel Population of Base Complex that is Noncombatant
ALIAS NAME(S):

The number of noncombatant personnel assigned to the corresponding base complex.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Base_Complex
No
Number(6)

FIELD NAME:

        NUMBER_OF_COMPONENTS_REQD

MNEMONIC NAME:

        Number Of Components Required

ALIAS NAME(S):

The amount of the corresponding component required during the time period.

TABLES:

        NULL:

      FIELD TYPES:

      DEFINED BY:

LSA_Requirement

        Yes

        Number(8,2)

Preproj

        No

        Number(8,2)

Pre_Project

        No

        Number(8,2)

Pre_Unscheduled_Project

     Yes

     Number(8,2)

Project

        Yes

        Number(8,2)

Scheduled_Project

        Yes

        Number(8,2)

S_P_Tab

        Yes

        Number(8,2)

Unscheduled_Project

        Yes

        Number(8,2)

FIELD NAME:

        NUMBER_OF_ENGINEERS

MNEMONIC NAME:

Number of Engineers
ALIAS NAME(S):

The total number of engineers (horizontal, vertical, and other) assigned to the corresponding unit.

TABLES:
              NULL:
        FIELD TYPES:
        DEFINED BY:
Engineering_Unit_
              No
              Number(6)
  Capability

FIELD NAME:
              OPLAN_ID
MNEMONIC NAME:
              OPLAN Identifier Code
ALIAS NAME(S):
              PLN_IDR

This code contains the value of the user defined OPLAN.

TABLES:
              NULL:
        FIELD TYPES:
        DEFINED BY:
Avail
              Yes
              Varchar2(2)

LOGSAFE_Interface
              Yes
              Varchar2(5)
LSA_Export
              Yes
              Varchar2(12)
LSA_Interface
               Yes
              Varchar2(12)
Non_Unit_Cargo
              No
              Varchar2(12)

FIELD NAME:

ORIGINATING_GEOLOC

MNEMONIC NAME:

Origination Geolocation Code

ALIAS NAME(S):

Each code identifies a specific location; i.e., city, town, or base, of origin in the world.

TABLES:

NULL:

FIELD TYPES:

DEFINED BY:

Deployed_Eng_Sensitive_

No

Varchar2(4)

 Unit

Originating_Location

No

Varchar2(4)

FIELD NAME:

OTHER_CONSTRUCTION_MANHOURS

MNEMONIC NAME:

Other Manhours Per Day for Construction

ALIAS NAME(S):

The number of other skill manhours needed, per day, to assemble the corresponding component.

TABLES:

NULL:

FIELD TYPES:

DEFINED BY:

Component

No

Number(5)

LSA_Requirement

Yes

Number(6)

Pre_Unscheduled_Project

Yes

Number(7,1)

Scheduled_Project

           Yes

           Number(6)

S_P_Tab

           Yes

           Number(6)

Unscheduled_Project

           Yes

           Number(7,1)

FIELD NAME:

           OTHER_MNHR_CPBLTY_PER_DAY

MNEMONIC NAME:

           Other Manhour Capability Per Day

ALIAS NAME(S):

The other manhour capability per day contains the number of manhours, per day, of personnel performing other type construction.

TABLES:

           NULL:

        FIELD TYPES:

        DEFINED BY:

Engineering_Unit_

           No

           Number(5)

 Capability

FIELD NAME:

           OTHER_TO_HORIZ

MNEMONIC NAME:

           Other To Horizontal Factor

ALIAS NAME(S):

This is a percentage applied when substituting other skills for horizontal skills.

TABLES:

           NULL:

        FIELD TYPES:

        DEFINED BY:

Skill_Sub

No
Number(4,2)
User

FIELD NAME:
OTHER_TO_VERTICAL
MNEMONIC NAME:
Other To Vertical Factor
ALIAS NAME(S):

This is a percentage applied when substituting other skills for vertical skills.

TABLES:
    NULL:
   FIELD TYPES:
   DEFINED BY:
Skill_Sub
    No
    Number(4,2)
    User

FIELD NAME:
PCT_SHIPPED
MNEMONIC NAME:
Percent Shipped
ALIAS NAME(S):

The percentage of non-unit cargo shipped.

TABLES:
    NULL:
   FIELD TYPES:
   DEFINED BY:
Facility_Category
    Yes
    Number(4,1)
Non_Unit_Cargo
    Yes
    Number(4,1)

FIELD NAME:
                    PERCENT_CAPABLE
MNEMONIC NAME:
                    Percent Capable
ALIAS NAME(S):

This field contains the product of (LSA_INTERFACE.AVAIL/ LSA_INTERFACE.REQD) *
LSA_INTERFACE.WEIGHTING_FACTOR.

TABLES:
                    NULL:
            FIELD TYPES:
            DEFINED BY:
LSA_Export
                    Yes
                    Number(5,2)

FIELD NAME:
                    PERCENT_CARGO_FROM_ORIGIN
MNEMONIC NAME:
                    Percentage of Non-Unit Cargo Shipped From Origin
ALIAS NAME(S):

The percentage of non-unit cargo shipped from the corresponding Originating Geolocation code.

TABLES:
                    NULL:
            FIELD TYPES:
            DEFINED BY:
Originating_Location
                    No
                    Number(4,2)

FIELD NAME:
                    PERCENT_CARGO_FROM_POD
MNEMONIC NAME:
                    Percentage of Non-Unit Cargo Shipped from the Port of Debarkation
ALIAS NAME(S):

The percentage of non-unit cargo shipped from the corresponding POD Geolocation code.

TABLES:
                    NULL:

FIELD TYPES:
DEFINED BY:
POD_Location
    No
    Number(4,2)
POE_Location
    No
    Number(4,2)

FIELD NAME:
    PERIOD
MNEMONIC NAME:
    Time Period
ALIAS NAME(S):

This describes the time period based on the corresponding FIRST_DAY and LAST_DAY fields; i.e., 'C+1 to C+15.'

TABLES:
    NULL:
    FIELD TYPES:
    DEFINED BY:
Time_Period
    No
    Varchar2(20)

FIELD NAME:
    PERSONNEL_REPLACEMENT_CYCLE
MNEMONIC NAME:
    Personnel Replacement Cycle
ALIAS NAME(S):

The number of days it will take to replace an engineer.

TABLES:
    NULL:
    FIELD TYPES:
    DEFINED BY:
Attrition_Factor
    No
    Number(2)
    User

FIELD NAME:
                PHASE_IN_DAYS
MNEMONIC NAME:
                Day Phase Applied
ALIAS NAME(S):

The number of the day (based on the day of arrival) of which to apply the corresponding phase-in efficiency factors.

TABLES:
                NULL:
        FIELD TYPES:
        DEFINED BY:
Phase_In_Efficiency
                Yes
                Number(1)

FIELD NAME:
                PHASE_IN_EFF_1 - PHASE_IN_EFF_9
MNEMONIC NAME:
                Phase In Efficiency Factor for Day 1 - 9
ALIAS NAME(S):

The percentage of efficiency of productivity expected of the engineer(s) on the field defined day (1 - 9).

TABLES:
                NULL:
        FIELD TYPES:
        DEFINED BY:
Phase_In_Efficiency
                Yes
                Number(3)
                User

FIELD NAME:
                PLAN_NAME
MNEMONIC NAME:
                Plan Name
ALIAS NAME(S):

The full name of the corresponding plan identifier (OPLAN).

TABLES:

NULL:
FIELD TYPES:
DEFINED BY:
Operation

Yes
Varchar2(30)
JEPES

FIELD NAME:

PLANG_FACTOR_ECHELON_1 - PLANG_FACTOR_ECHELON_5
MNEMONIC NAME:
Planning Factor Echelon 1 - 5
ALIAS NAME(S):

These are the factors (first through fifth) used to determine the facility amount at the base complex.

TABLES:

NULL:
FIELD TYPES:
DEFINED BY:
Equipment_Planning_Factor
No
Number(10,4)
General_Planning_Factor
Yes
Number(10,4)

FIELD NAME:

PLANNER_FACILITY_COMMENT
MNEMONIC NAME:
Planner Facility Comment
ALIAS NAME(S):

This is to provide information about the corresponding planner input facility.

TABLES:

NULL: **FIELD TYPES:**
DEFINED BY:
Planner_Input_Requirement
No
Varchar2(60)

FIELD NAME:

PLANNING_FACTOR_TYPE

MNEMONIC NAME:

Planning Factor Type

ALIAS NAME(S):

This is the type, or classification, of the planning factor.

TABLES:

NULL:

FIELD TYPES:

DEFINED BY:

General_Planning_Factor

No

Varchar2(6)

FIELD NAME:

PLN_IDR

MNEMONIC NAME:

Plan Identifier Code

ALIAS NAME(S):

OPLAN_ID

This code contains the same value as the user defined OPLAN.

TABLES:

NULL:

FIELD TYPES:

DEFINED BY:

Attrition_Factor

No

Varchar2(9)

JEPES

Cargo_Aggregation_Period

No

Varchar2(9)

Keys

Yes
Varchar2(9)
JEPES

Operation
No
Varchar2(9)
JEPES

Phase_In_Efficiency
No
Varchar2(9)
JEPES

Skill_Sub
No
Varchar2(9)
JEPES

Time_Period
No
Varchar2(9)
JEPES

FIELD NAME:
POD_ARRIVAL_DATE
MNEMONIC NAME:
Day of Arrival at the Port of Debarkation
ALIAS NAME(S):

The number of the day for which the cargo or deployed unit will arrive at the POD.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Deployed_Eng_Sensitive_
No
Number(3)
Unit

FIELD NAME:
POD_GEOLOC
MNEMONIC NAME:
Port of Debarkation Geolocation Code

ALIAS NAME(S):

Each code identifies a specific location; i.e., city, town, or base, f the POD in the world.

TABLES:
        NULL:
     FIELD TYPES:
     DEFINED BY:

Deployed_Eng_Sensitive_
     No
     Varchar2(4)
 Unit
Originating_Location
      No
      Varchar2(4)
POD_Location
      No
      Varchar2(4)
POE_Location
      No
      Varchar2(4)

FIELD NAME:
      POE_GEOLOC
MNEMONIC NAME:
      Port Of Embarkation Geolocation Code
ALIAS NAME(S):

Each code identifies a specific location; i.e., city, town, or base, of the port of embarkation in the world.

TABLES:
        NULL:
     FIELD TYPES:
     DEFINED BY:

Deployed_Eng_Sensitive_
     No
     Varchar2(4)
 Unit
Originating_Location
      No
      Varchar2(4)
POE_Location
      No

Varchar2(4)

FIELD NAME:
PRIORITY_COMMENT
MNEMONIC NAME:
Priority Comment
ALIAS NAME(S):

This provides for additional information corresponding to the facility priority.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Plan_Fac_Construction_
Yes
Varchar2(60)
Policy

FIELD NAME:
PROJ_NBR
MNEMONIC NAME:
Project Number
ALIAS NAME(S):

This identifies the specific facility construction requirement.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
LSA_Requirement
No
Number(5)
Preproj
No
Number(5)
Pre_Project
No
Number(5)
Pre_Unscheduled_Project
Yes

Number(5)
Project
No
Number(5)
Scheduled_Project
No
Number(5)
S_P_Tab
No
Number(5)
Unscheduled_Project
No
Number(5)

FIELD NAME:
PROJECT_TYPE
MNEMONIC NAME:
Project Type Code
ALIAS NAME(S):

This identifies the type of facility construction or repair task.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
LSA_Requirement
No
Number(2)
Preproj
No
Number(2)
Pre_Project
No
Number(2)
Pre_Unscheduled_Project
Yes
Number(2)
Project
No
Number(2)
Scheduled_Project
No
Number(2)
S_P_Tab

No
                Number(2)
Unscheduled_Project
                No
                Number(2)

FIELD NAME:
                RCD
MNEMONIC NAME:
                Required Completion Date
ALIAS NAME(S):
                REQUIRED_COMPL_DATE
                DEMAND_COMPLN_DTE

The number of the day for which the facility must be ready for use.

TABLES:
                NULL:
        FIELD TYPES:
        DEFINED BY:
Base_Sum
                Yes
                Number(3)
LSA_Interface
                Yes
                Number(3)
Plan_Sum
                Yes
                Number(3)

FIELD NAME:
                REAR_ECHELON_STORAGE_BASE_2 -

                REAR_ECHELON_STORAGE_BASE_5
MNEMONIC NAME:
                Rear Echelon Storage Base 2 - 5
ALIAS NAME(S):

This field contains the alternate storage site code, which is the same as the BCN, but does not have to be the corresponding BCN. This alternate storage site is used to hold various supplies.

TABLES:
                NULL:
        FIELD TYPES:

DEFINED BY:
Backup_Supply
     Yes
     Varchar2(2)

FIELD NAME:
     REGION_CODE
MNEMONIC NAME:
     Region Code
ALIAS NAME(S):

The world has been divided into specific areas or regions. This code identifies a specific region for which the Country/State code resides, of which the corresponding Geolocation resides.

TABLES:
     NULL:
     FIELD TYPES:
     DEFINED BY:
Base_Complex
     No
     Varchar2(2)
Climatic_Factor
     No
     Varchar2(2)
Construction_Capability
     Yes
     Varchar2(2)
Keys
     Yes
     Varchar2(2)
     JEPES
Pre_Unscheduled_Project
     Yes
     Varchar2(2)
Unscheduled_Project
     Yes
     Varchar2(2)

FIELD NAME:
     REGION_CONSTRAINT
MNEMONIC NAME:
     Requirements Analysis Region Constraint Code

ALIAS NAME(S):

This is used to limit requirements analysis to corresponding regions.

TABLES:
> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

Operation
> Yes
> Varchar2(2)
> JEPES

FIELD NAME:
> REPORT_CHOICE

MNEMONIC NAME:
> Report Choice

ALIAS NAME(S):

This identifies the specific report that is to be produced.

TABLES:
> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

Operation
> Yes
> Varchar2(1)
> JEPES

FIELD NAME:
> REQD

MNEMONIC NAME:
> Required Delivery Date

ALIAS NAME(S):

This value has been calculated based on the corresponding availability, capable, and required completion date values by an Ada program.

TABLES:
        NULL:
      FIELD TYPES:
      DEFINED BY:
Base_Sum
        Yes
        Number(10,1)
LSA_Interface
        Yes
        Number(10,1)
Plan_Sum
        Yes
        Number(10,1)

FIELD NAME:
        REQUIRED_COMPL_DATE
MNEMONIC NAME:
        Required Completion Date
ALIAS NAME(S):
        RCD
        DEMAND_COMPLN_DTE

The required completion date is the number of the day for which the facility must be ready for use.

TABLES:
        NULL:
      FIELD TYPES:
      DEFINED BY:
LSA_Requirement
        No
        Number(3)
Preproj
        No
        Number(3)
Pre_Project
        No
        Number(3)
Pre_Unscheduled_Project
      Yes
      Number(3)

Project
No
Number(3)
Scheduled_Project
No
Number(3)
S_P_Tab
No
Number(3)
Unscheduled_Project
No
Number(3)

FIELD NAME:
REQUIREMENT_GROUP
MNEMONIC NAME:
Requirement Group
ALIAS NAME(S):

This is the code that identifies to which group a requirement (or project) belongs.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Facility_Category
Yes
Varchar2(1)

FIELD NAME:
RESTFAC0 - RESTFAC30
MNEMONIC NAME:
Restoration Factor for Day 0 - 30
ALIAS NAME(S):

The percentage of damage to be repaired on the field defined day (0 - 30).

TABLES:

NULL:
FIELD TYPES:
DEFINED BY:
Aggregated_Asset
No
Number(5,3)
User
War_Damage_Factor
No
Number(5,3)

FIELD NAME:
SCENARIO_FORCE_LIST_SUMMARY
MNEMONIC NAME:
Scenario Force List Summary
ALIAS NAME(S):

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Operation
Yes
Varchar2(1)
JEPES

FIELD NAME:
SCENARIO_PLANNING_GUIDANCE
MNEMONIC NAME:
Scenario Planning Guidance
ALIAS NAME(S):

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Operation
Yes
Varchar2(1)
JEPES

FIELD NAME:

SCENARIO_SUMMARY

MNEMONIC NAME:

Scenario Summary

ALIAS NAME(S):

TABLES:

NULL:

FIELD TYPES:

DEFINED BY:

Operation

Yes

Varchar2(1)

JEPES

FIELD NAME:

SCHEDULED_START_DATE

MNEMONIC NAME:

Scheduled Day Construction is to Start

ALIAS NAME(S):

This is the number of the first day of which construction is scheduled to begin.

TABLES:

NULL:

FIELD TYPES:

DEFINED BY:

LSA_Requirement

No

Number(3)

Pre_Unscheduled_Project

Yes

Number(3)

Project

No

Number(3)

Scheduled_Project

No

Number(3)

S_P_Tab

No

Number(3)

Unscheduled_Project

No

Number(3)

FIELD NAME:
SELF_SUSTAINABILITY_CODE
MNEMONIC NAME:
Self Sustainability Code
ALIAS NAME(S):

This identifies the field support capability of a unit.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Unit_Type
No
Varchar2(1)

FIELD NAME:
SERVCOMP_CD
MNEMONIC NAME:
Service Component Code
ALIAS NAME(S):

This identifies a specific collection of construction material.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Component
No
Varchar2(7)
Facility_Component
No
Varchar2(7)
Facility_Requirement
Yes
Varchar2(7)

FIELD NAME:
                SERVCOMP_SZ
MNEMONIC NAME:
                Service Component Size
ALIAS NAME(S):

This is the amount (in manhours) that corresponds to the corresponding service component.

TABLES:
                        NULL:
                FIELD TYPES:
                DEFINED BY:
Component
                No
                Number(7)
LSA_Requirement
                Yes
                Number(7)
Pre_Unscheduled_Project
        Yes
        Number(7)
Scheduled_Project
                Yes
                Number(7)
S_P_Tab
                Yes
                Number(7)
Unscheduled_Project
                Yes
                Number(7)

FIELD NAME:
                SERVICE_CODE
MNEMONIC NAME:
                Service Code
ALIAS NAME(S):
                USING_SERVICE
                CONSTRUCTING_SERVICE
                ALT_CONSTRUCTING_SERVICE

This code identifies the service of the required force. It also identifies the service that will be the user of a

requirement.

TABLES:
        NULL:
      FIELD TYPES:
      DEFINED BY:

Component
     No
     Varchar2(1)

Construction_Capability
   No
   Varchar2(1)

Deployed_Eng_Sensitive_
   No
   Varchar2(1)

 Unit

Equipment_Planning_Factor
   No
   Varchar2(1)

Equipment_Type
     No
     Varchar2(1)

Facility_Component
     No
     Varchar2(1)

Facility_Requirement
     No
     Varchar2(1)

General_Planning_Factor
   No
   Varchar2(1)

Unit_Equipment
     No
     Varchar2(1)

Unit_Type
     No
     Varchar2(1)

FIELD NAME:
     SHIP_TIME_FROM_POD
MNEMONIC NAME:

Shipping Time From the Port of Debarkation

ALIAS NAME(S):

The average number of days that it takes for shipping between the POD and the base.

TABLES:
> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

POD_Location
> No
> Number(3)

POE_Location
> No
> Number(3)

FIELD NAME:
> SHORT_TONS

MNEMONIC NAME:
> Short Tons

ALIAS NAME(S):

The weight of the corresponding component. The value is represented as a whole number and tenths; i.e., '00123' is 12.3 tons.

TABLES:
> **NULL:**
> **FIELD TYPES:**
> **DEFINED BY:**

Component
> No
> Number(5)

LSA_Requirement
> Yes
> Number(5)

Non_Unit_Cargo
> Yes
> Number(6,1)

Pre_Unscheduled_Project
> Yes

Number(5)
Scheduled_Project
                Yes
                Number(5)
S_P_Tab
                Yes
                Number(5)
Unscheduled_Project
                Yes
                Number(5)

FIELD NAME:
                START_CARGO_AGGREGATION_PERIOD
MNEMONIC NAME:
                Start Day for Non-Unit Cargo Aggregation Period
ALIAS NAME(S):

The number of the first day of the time period for which non-unit cargo is summed.

TABLES:
                NULL:
        FIELD TYPES:
        DEFINED BY:
Cargo_Aggregation_Period
        No
        Number(3,0)

FIELD NAME:
                START_OF_ANALYSIS_PERIOD
MNEMONIC NAME:
                Start Of Analysis Period
ALIAS NAME(S):

This is the number of the first day for which requirements are generated and analyzed.

TABLES:

NULL:
FIELD TYPES:
DEFINED BY:
Operation
        Yes
        Number(3)
        JEPES

FIELD NAME:
        START_PERIOD_1 - START_PERIOD_4
MNEMONIC NAME:
        Start Day for Period 1 - 4
ALIAS NAME(S):

The number of the first day in the field defined Period (1 - 4) for which a component is excluded from processing.

TABLES:
        NULL:
FIELD TYPES:
DEFINED BY:
Component_Exception
        No
        Number(3)

FIELD NAME:
        STON_PCT_1 - STON_PCT_4
MNEMONIC NAME:
        Percentage of Short Tons in Period 1 - 4
ALIAS NAME(S):

The percentage of STONS to exclude during the field defined period (1 - 4).

TABLES:
        NULL:
FIELD TYPES:
DEFINED BY:
Component_Exception
        Yes
        Number(4,2)

FIELD NAME:
STONS_TO_BE_SHIPPED
MNEMONIC NAME:
Short Tons To Be Shipped
ALIAS NAME(S):

The STONS to be shipped field is the amount of weight of non-unit cargo to be shipped to the POD.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
LOGSAFE_Interface
Yes
Number(6,1)
Non_Unit_Cargo
Yes
Number(6,1)

FIELD NAME:
SUBCLASS
MNEMONIC NAME:
Subclassification of Supply Codes
ALIAS NAME(S):

This code describes the supply classification of the type of non-unit cargo.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
LOGSAFE_Interface
Yes
Varchar2(2)
Non_Unit_Cargo
No
Varchar2(2)

FIELD NAME:
SUBPROJ_NBR
MNEMONIC NAME:
Subproject Number
ALIAS NAME(S):

This identifies the specific emergency repair project for new construction project(s) damaged by war.

TABLES:
          NULL:
      FIELD TYPES:
      DEFINED BY:

LSA_Requirement
          No
          Number(2)

Preproj
          No
          Number(2)

Pre_Project
          No
          Number(2)

Pre_Unscheduled_Project
      Yes
      Number(2)

Scheduled_Project
          No
          Number(2)

S_P_Tab
          No
          Number(2)

Unscheduled_Project
          No
          Number(2)

FIELD NAME:
      SUBST_DOD_FAC_CAT_CD
MNEMONIC NAME:
      Department of Defense Substituted Facility Category Code
ALIAS NAME(S):

This is a user-defined unique character set assigned to identify each "option" facility category.

TABLES:
          NULL:
      FIELD TYPES:
      DEFINED BY:

Facility_Category_
          No
          Varchar2(4)
          User
  Substitute

FIELD NAME:

SUPPORT_STRUCTURE_INDEX

MNEMONIC NAME:

Support Structure Index

ALIAS NAME(S):

This code identifies the supply class associated with a facility.

TABLES:

        NULL:

     FIELD TYPES:

     DEFINED BY:

Backup_Supply

     No

     Number(1)

Equipment_Planning_Factor

     No

     Varchar2(1)

General_Planning_Factor

     No

     Varchar2(1)

FIELD NAME:

TEXT

MNEMONIC NAME:

ALIAS NAME(S):

This identifies the text information for the JEPES menus. A total of 24 items in the MENU table; i.e. TEXT11-18, TEXT21-28, TEXT31-3.

TABLES:

        NULL:

     FIELD TYPES:

     DEFINED BY:

Menu

     Yes

     Varchar2(50)

     JEPES

FIELD NAME:

TOTAL_PROJECT_MAN_HOURS

MNEMONIC NAME:

Total Number of Projected Manhours

ALIAS NAME(S):

TABLES:

      NULL:

    FIELD TYPES:

    DEFINED BY:

LSA_Requirement

      Yes

      Number(8)

Pre_Unscheduled_Project

    Yes

    Number(9,1)

Scheduled_Project

      Yes

      Number(8)

S_P_Tab

      Yes

      Number(8)

Unscheduled_Project

      Yes

      Number(9,1)

FIELD NAME:

TROOP_SEQUENCE_NUMBER

MNEMONIC NAME:

Troop Sequence Number

ALIAS NAME(S):

This file contains the identifier that identifies a troop's file record.

TABLES:

      NULL:

    FIELD TYPES:

    DEFINED BY:

Deployed_Eng_Sensitive_

    No

Number(5)

  Unit

FIELD NAME:
          TROOP_STRENGTH
MNEMONIC NAME:
          Troop Strength
ALIAS NAME(S):

The actual number of personnel deployed to the corresponding POD Geolocation. For standard force requirements, personnel strength is defined by the UTC. For nonstandard force requirements, it is either established for a nonstandard UTC or a change to a standard UTC for use in a particular OPLAN. In the objective area, it is used to determine non-unit cargo and personnel requirements. This number must be '0' for the cargo portion of a split shipment.

TABLES:
          NULL:
       FIELD TYPES:
       DEFINED BY:
Deployed_Eng_Sensitive_
       No
       Number(6)

  Unit

FIELD NAME:
          UIC
MNEMONIC NAME:
          Unit Identification Code
ALIAS NAME(S):

This code uniquely identifies every unit of every service as long as it exists.

TABLES:
          NULL:
       FIELD TYPES:
       DEFINED BY:

Deployed_Eng_Sensitive_
        Yes
        Varchar2(6)

  Unit

FIELD NAME:
                ULC
MNEMONIC NAME:
                Unit Level Code
ALIAS NAME(S):

The Unit Level code describes the level of the unit for which the force requirement is stated.

TABLES:
                NULL:
        FIELD TYPES:
        DEFINED BY:
Deployed_Eng_Sensitive_
        No
        Varchar2(3)

  Unit
Unit_Type
                Yes
                Varchar2(3)

FIELD NAME:
                UNIT_ALLOC_CONTRN_POLICY
MNEMONIC NAME:
                Unit Allocation Construction Policy
ALIAS NAME(S):

The base construction policy number for the unit-allocated facility.

TABLES:
                NULL:
        FIELD TYPES:
        DEFINED BY:
Base_Complex
                No

Number(1)

FIELD NAME:
UNIT_NAME
MNEMONIC NAME:
Unit Name
ALIAS NAME(S):

The full name of the corresponding deployed unit.

TABLES:
        NULL:
    FIELD TYPES:
    DEFINED BY:
Unit_Type
        No
        Varchar2(24)

FIELD NAME:
UNIT_OF_MEASURE
MNEMONIC NAME:
Unit Of Measure
ALIAS NAME(S):

The type of measurement (square feet, yards, etc.) applied.

TABLES:
        NULL:
    FIELD TYPES:
    DEFINED BY:
Component
        No
        Varchar2(2)
Facility_Category
        No
        Varchar2(2)
LSA_Requirement

No
Varchar2(2)
Pre_Unscheduled_Project
Yes
Varchar2(2)
Project
No
Varchar2(2)
Scheduled_Project
No
Varchar2(2)
S_P_Tab
No
Varchar2(2)
Unscheduled_Project
No
Varchar2(2)

FIELD NAME:
US_ENEGNG_PRIORITY
MNEMONIC NAME:
U.S. Engineering Priority
ALIAS NAME(S):

This identifies the ordinal priority of the U.S. engineering manpower resources.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Operation
Yes
Number(1)
JEPES

FIELD NAME:
USE_AUSTERE_COMPONENT
MNEMONIC NAME:
Austere Component Usage
ALIAS NAME(S):

The flag ('Y'/'N') identifies whether or not the austere components are to be used for construction.

TABLES:
    NULL:
   FIELD TYPES:
   DEFINED BY:
Operation
    Yes
    Varchar2(1)
    JEPES

FIELD NAME:
    USING_SERVICE
MNEMONIC NAME:
    Service Using Requirement
ALIAS NAME(S):
    SERVICE_CODE
    CONSTRUCTING_SERVICE
    ALT_CONSTRUCTING_SERVICE

This identifies the specific service of the military; i.e., 'A'rmy, 'M'arines, etc., for whom a requirement is being generated. This specific field is used for all Plan Dependent records.

TABLES:
    NULL:
   FIELD TYPES:
   DEFINED BY:
LOGSAFE_Interface
    Yes
    Varchar2(1)
LSA_Requirement
    No
    Varchar2(1)
Non_Unit_Cargo
    No
    Varchar2(1)
Planner_Input_Requirement
  No
  Varchar2(1)
Preproj
    No
    Varchar2(1)
Pre_Project
    No

Varchar2(1)
Pre_Unscheduled_Project
        Yes
        Varchar2(1)
Project
                No
                Varchar2(1)
Scheduled_Project
                No
                Varchar2(1)
S_P_Tab
                No
                Varchar2(1)
Unscheduled_Project
                No
                Varchar2(1)

FIELD NAME:
                UTC
MNEMONIC NAME:
                Unit Type Code
ALIAS NAME(S):

This identifies the category of the military unit.

TABLES:
                NULL:
        FIELD TYPES:
        DEFINED BY:
Deployed_Eng_Sensitive_
        No
        Varchar2(5)

 Unit
Engineering_Unit_
                No
                Varchar2(5)
 Capability
Facility_Requirement
                No
                Varchar2(5)
Unit_Equipment
                No
                Varchar2(5)
Unit_Type
                No
                Varchar2(5)

FIELD NAME:
>VERTICAL_MNHR_CPBLTY_PER_DAY

MNEMONIC NAME:
>Vertical Manhour Capability Per Day

ALIAS NAME(S):

The vertical manhour capability per day contains the number of manhours, per day, of personnel performing vertical construction.

TABLES:
>>**NULL:**
>**FIELD TYPES:**
>**DEFINED BY:**

Engineering_Unit_
>>No
>>Number(5)

  Capability

FIELD NAME:
>VERTICAL_MNHR_PER_DAY

MNEMONIC NAME:
>Vertical Manhours Per Day for Construction

ALIAS NAME(S):

The number of vertical skill manhours needed, per day, to assemble the corresponding component.

TABLES:
>>**NULL:**
>**FIELD TYPES:**
>**DEFINED BY:**

Component
>>No
>>Number(5)

LSA_Requirement
>>Yes
>>Number(6)

Pre_Unscheduled_Project
>Yes
>Number(7,1)

Scheduled_Project
>>Yes

Number(6)

S_P_Tab

Yes
Number(6)

Unscheduled_Project

Yes
Number(7,1)

FIELD NAME:

VERTICAL_TO_HORIZ

MNEMONIC NAME:

Vertical To Horizontal Factor

ALIAS NAME(S):

This is a percentage applied when substituting vertical skills for horizontal skills.

TABLES:

NULL:

FIELD TYPES:

DEFINED BY:

Skill_Sub

No
Number(4,2)
User

FIELD NAME:

VERTICAL_TO_OTHER

MNEMONIC NAME:

Vertical To Other Factor

ALIAS NAME(S):

This is a percentage applied when substituting vertical skills for other skills.

TABLES:

NULL:

FIELD TYPES:

DEFINED BY:

Skill_Sub

No
Number(4,2)
User

FIELD NAME:
WARNING_FLAG
MNEMONIC NAME:
Warning Flag
ALIAS NAME(S):

The flag ('Y'/'N') identifies whether or not the warning flag is used during analysis.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Operation
Yes
Varchar2(1)
JEPES

FIELD NAME:
WEIGHTING_FACTOR
MNEMONIC NAME:
Weighting Factor
ALIAS NAME(S):

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
LSA_Interface
Yes
Number(4,3)

SYSTEM DATA ELEMENTS

FIELD NAME:
ENTER_CODE
MNEMONIC NAME:
Code Entered on Screen
ALIAS NAME(S):

The flag ('Y'/'N') defined by the user at the corresponding screen.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Req_Analysis_Tracking
Yes
Varchar2(1)
User

FIELD NAME:
FILE_NAME
MNEMONIC NAME:
File Name
ALIAS NAME(S):

Defines file names used in the JEPES.

TABLES:
NULL:
FIELD TYPES:
DEFINED BY:
Imp_Exp_List
Yes
Varchar2(12)
Usr_Query
Yes
Varchar2(38)
Usr_Query1
Yes
Varchar2(38)

FIELD NAME:
SCREEN_NAME
MNEMONIC NAME:

Screen Name

ALIAS NAME(S):

The name of the screen utilized by the user.

TABLES:
    NULL:
  FIELD TYPES:
  DEFINED BY:
Req_Analysis_Tracking
  Yes
  Varchar2(30)
    User

APPENDIX E

FUNCTIONS NOT YET AVAILABLE

APPENDIX E
FUNCTIONS NOT YET AVAILABLE

1.   **Crisis Planning**. The crisis planning state of operation will be used in an emergency when a planner must quickly create the CESP portion of an OPLAN. Functionally, the procedures should be similar to a deliberate planning state but with such differences as a reduced TPFDD/OPLAN, fewer requirements generated and reduced output reports.

2.   **Utilities**
        a.   **COTS Interface**. This option will allow access to COTS packages, which will be useful in displaying JEPES data, including applications for graphics, spreadsheets, and word processing.

3.   **Database Maintenance**
        a.   **COTS Interface**. This option will allow import and export of information between the JEPES database tables and a COTS software package. It is intended to provide an alternative to updating the JEPES database.

4.   **Requirements Generation**
        a.   **Medical**. This option will generate such medical-related requirements as hospitals and out-patient facilities, etc.
        b.   **Ammunition**. This option will generate ammunition-related requirements.
        c.   **O&M**. This option will generate operation and maintenance related requirements.
        d.   **POL**. This option will generate POL related requirements.

5.   **Graphics**
        a.   **COTS Interface**. This option will produce graphics from some of the previously generated reports using line, bar, and pie charts.
        b.   **Custom Graphics**. This option will be implemented if there are graphics that cannot be produced by COTS packages.

6.   **Support Functions**
        a.   **Tutorial**. This option will provide a JEPES on-line tutorial.
        b.   **System Administration**. This option will provide JEPES, system administration functions.

APPENDIX F

SPECIFIC USER OPERATIONS

APPENDIX F

JEPES REBASING

JEPES rebasing is now an automated process performed when editing the Base_Complex table. For more information, refer to Sections 5.3.2.1.1.

APPENDIX G

FUNCTIONS AVAILABLE OUTSIDE OF JEPES

APPENDIX G
FUNCTIONS AVAILABLE OUTSIDE OF JEPES

IMPORT WWMCCS TEXT FILES

Select the JEPES icon, *JIMPTEXT* to load existing WWMCCS text files into the JEPES ORACLE tables. Refer to the CESPG manual, reference e, for a full explanation of the WWMCCS files. The text files must exist in directory JEPES_USER_DIR/data. Table G-1 lists the options available, the input text file, and the JEPES tables where the data are loaded.

Table G-1. Options, Input Text Files, and JEPES Tables List

Option	Input Text File	JEPES Tables
United States Asset and War Damage data	assetus.txt	Asset
		War_Damage_Factor
Base Complex, A-Card, C-Card, D-Card, G-Card, L-Card, and P-Card	bascmplx.txt	Base_Complex
	acard.txt	Base_Location
	ccard.txt	Backup_Supply
	dcard.txt	Base_Fac_Construction_Policy
	gcard.txt	Plan_Fac_Construction_Policy
	lcard.txt	Planner_Input_Requirements
	pcard.txt	Engineering_Support
Facility Component data	cmpnt.txt	Component
		Facility_Component
Engineering Unit Capability data	enguncap.txt	Engineering_Unit_Capability
Facility Category Code data	faccat.txt	Facility_Category
Host Nation Asset and War Damage data	assethn.txt	Asset
		War_Damage_Factor
Planning Factor data	plngfact.txt	Equipment_Planning_Factor
		Equipment_Type
		General_Planning_Factor

The ORACLE tables load process is performed by executing a set of UNIX and ORACLE SQL executable commands and utility files. The UNIX shell script files are used to start a process. SQL Data Definition Language (DDL) is used to create ORACLE tables. The ORACLE utility SQL*Loader is used to load the formatted data into the ORACLE tables. This utility is activated via the execution of Control files (*.ctl*). While performing the data load, files *.log* and *.bad* will be created. The file name is the installation *.s* file name concatenated with *.log*; i.e., *trooplod.s* creates *trooplod.log*. The *log* files hold the error messages and the text file record numbers that fail to be loaded; the *.bad* files hold data of any failed records that exist.

1. The *assetus.txt* File. Defines the quantity of a specific facility category existing at a particular geographic location. It also contains the air war damaged factor during an air war modeling period for up to 31 days. A blank category code for each base complex is provided to contain war damage factors for newly constructed facilities. Although asset owners can be either the U.S. or a host nation, this file is for U.S. asset owners only. (See *assethn.txt* file, 12. below, for host nation asset owners.)

2. The *bascmplx.txt* File. Defines a base complex, which includes base name, base owner, primary Geoloc, and base population.

3. The *acard.txt* File. Provides additional information for a base complex, when included with the *bascmplx.txt* file. The planner has reviewed the destinations for forces in the OPLAN and has grouped these Geolocs into base complexes. These Geolocs could include such locations as off-based housing, hospital, radar, storage, and communications sites. Other Geolocs to be considered include locations of existing facilities found in the *assets* file. The *acard.txt* file should include a reserved base complex (099) for nonmilitary locations, which carry a "do not build" construction policy.

4. The *ccard.txt* File. Specifies the rear echelon (2 to 5) base complex at which backup supply storage requirements will be generated for various categories of supplies structures: (1) Ammunition, (2) POL, (3) General Supplies, (4) Medical Supplies, (5) Unassigned. The first echelon specifies the base complex for which the backup storage facilities are being generated. Unit strength (People) density-allocated planning factors for echelons 2 to 5 base complexes are used to generate facility requirements at each base complex that provides supply storage facilities.

    Note: Each base complex defined in *acard.txt* requires one ccard record.

5. The *dcard.txt* File. Defines the facility construction policy for the different facility category codes at each base complex from *acard.txt*. The policy is used to determine the amount of particular facilities to be built. See Appendix H, Table H-4 for the construction policies codes listing.

6. The *gcard.txt* File. Defines, sequentially, the priority for construction of every facility category essential to all bases in the OPLAN. It contains all the facility category codes (See *cmpnt.txt*, 9. below) for which requirements are to be generated. It also contains the unit of measurement for facility requirement planning record factors. It defines the earliest day relative to D-Day (start day of facility construction) and the number of days to add to the generated facility requirement date based

on unit arrival.

7. The *lcard.txt* File. Allows planners to <u>force-generate requirements</u> for a particular facility at a specific base complex; i.e., facility not normally associated with a base, such as airbase runway.

This file contains the BCN, the service requiring the facility, the completion date, a optional user-selected component, and a construction agency data.

8. The *pcard.txt* File. Allows the <u>reassignment</u> of a whole or partial construction responsibility of a facility category to a host nation construction agency.

9. The *cmpnt.txt* File. Contains the <u>description of specific facility components assumed available for construction of facility requirements</u> generated by unit in the *troop.txt* file. It shows the minimum required time, manhour requirements by skill type, and follow-on project data for a particular component (one single component may be used to satisfy several different facility category code requirements). (See Appendix H, Table H-4 for a list of category codes.)

10. The *enguncap.txt* File. Contains the <u>description of all U.S. engineering units in terms of the number of manhours</u>. Skills are divided into three types: horizontal; i.e.,. road repair, vertical; i.e., building repair, and other. This file is maintained by each individual engineering unit to reflect their actual strength.

11. The *faccat.txt* File. Contains a listing of all available facilities categories codes (See Appendix H, Table H-4).

12. The *assethn.txt* File. This is the host nation *asset* file. (Please see *assetus.txt* file, 1. above, for the definition).

   Note: At the installation phase of JEPES, the user must load *hnasset.txt* <u>after</u> the *assets.txt*.

13. The *plngfact.txt* File. Defines the <u>planning factor</u> for the population density (People), aircraft or vehicle type and density, and per base complex (BYBASE). It also specifies factors for facilities to be limited by a certain TOTPOP.

GENERATE JEPES GRAPHS

The following graphs and spreadsheets can be created after the JEPES data are created for graph creation.

For Requirements Generation function, the options are as follows:

   a. Base Population Data
   b. Time-Phased Population Data for the Entire Plan
   c. Time-Phased Requirements Data in the Entire Plan for a Specific Category Code
   d. Time-Phased Requirements Data for a Specific Category Code at a Specific Base Complex
   e. Time-Phased Population Data for a Specific Category Code at a Specific Base Complex

For LSA function, the options are as follows:

        a.   Percent Forces Sustainable (V-2I-1)
        b.   Minimum Percent by Subelement (V-2I-2)
        c.   Percent Available (V-3I) -- Airfields
        d.   Percent Available (V-3I) -- Seaports
        e.   Percent Available (V-3I) -- POL Storage/Distribution
        f.   Percent Available (V-3I) -- Non-POL Storage/Distribution
        g.   Percent Available (V-3I) -- Troop Support
        h.   Percent Available (V-3I) -- Utilities

APPENDIX H

JEPES CODES

APPENDIX H
JEPES CODES

The following tables contain predetermined values. These tables are also helpful in interpreting the reports.

Table H-1. Asset Owner Codes

Code	Description
U	U.S.
L	Leased
H	Host Nation

Table H-2. Construction Policy Codes

Code	Description
0	Null
1	Do not build
2	Build noncombat
3	Build all
4	Do not build but assess war damage

Table H-3. Constructing Service Codes

Code	Description
A	Army
M	Marines
N	Navy
F	Air Force
P	Coast Guard
J	Joint
S	Satisfied
H	Host Nation
C	Contractor
"	None - Nil

Table H-4. Facility Category Codes

Code	Description	LSA CODE
111A	FIXED WING RUNWAY	A
111B	ROTARY WING RUNWAY	A
111C	HELICOPTER LNDG PAD	A
111R	RUNWAY RAPID REPAIR	A
112A	TAXIWAYS	A
112R	TAXIWAY RAPID REPAIR	A
113A	ACFT PARKING APRON	A
116A	ACFT WASH RACK	A
116B	COMPASS CALIBR, PAD	A
116C	ARM/DISARM PAD	A
116D	ORDNANCE HOLDING PAD	A
121A	ACFT FUEL DISPENSER	A
121B	A/C TRUCK FUEL FACILITY	A
122A	MARINE FUELING FACILITY	S
122B	SM CRAFT FUELING STORAGE	S
123A	LND VHCL FUEL DSPNSR	T
124A	ACFT OPER FUEL STORAGE	A
124B	MARI OPER FUEL STORAGE	S
124C	LND VHCL OPR FUEL STORAGE	T
125A	FUEL PIPELINE	P
125B	FUEL PUMPING STATION	P
125C	FUEL SYS SUPPLY PT	P
125L	POL PUMPING STATION	P
131A	COMMUNICATIONS CNTR	T
131B	RECEIVER BUILDING	T
131D	TRANSMITTER BUILDING	T
131E	COMMUN BLDG, OTHER	T
132A	COMMUN ANTENNA	T
132B	CDAA	T
133A	CONTROL TOWER	A
133B	TACAN FACILITY	A
136A	ACFT PAVEMNT LIGHTNG	A
138B	HOME BEACON FACILITY	A
141B	EXPLSV ORDNC DISP FACILITY	T
141C	AIRCRAFT SHELTER	A
141D	HARDENED ACFT SHELTER	A
141E	SQDRN/AIR OPER FACILITY	A
141H	CRYOGENICS FACILITY	A

Code	Description	LSA Code
141I	POL OPER/LAB FACILITY	P
141K	PHOTO LAB	A
141L	BSE/AFLD OPER FACILITY	A
141M	AIR FREIGHT TERMINAL	A
141N	AIR PSSGNR TERMINAL	A
141P	COMMAND POST	T
141Q	ACFT HARDND SHELT DR	A
143A	SONO BUOY STORAGE	A
149A	AIRCRAFT REVETMENT	A
149B	AIRCRAFT ARRESTING BAR	A
149C	DEFENSIVE POS BUNKER	T
149E	STRUCTURE REVETMENT	T
151A	BBLK PIER, AMMUNITION	S
151B	AMMN PIER, ORDNC CONT	S
151C	GENERAL CARGO PIER	S
151D	BARGE PIER (DELONG)	S
151E	FUELING PIER	S
151F	GNRL CRGO PIER CONTAINER	S
151R	PIER MAINT/REPAIR	S
152A	AMMUN WHRF, BREAKBULK	S
152B	AMMUN WHRF, ORDNC CON	S
152C	GNRL BULK CRGO WHARF	S
152D	FUELING WHARF	S
152E	GNRL CONTAI CRG WHARF	S
153A	OPEN CRGO HNDLNG FACILITY	S
153B	CVR ST CRG HNDLG FACILITY	S
156A	BARGE PIER BRIDGE	S
159A	LANDING RAMP (LST)	A
159B	DEGAUSSING FACILITY	S
159C	WATRFRNT OPER BLDNG	S
163A	MOORINGS	S
211A	ACFT MAINTNCE HANGAR	A
211B	RECLAMATION SHOP	T
211C	ACFT WPNS CALBR SHOP	A
211D	ACFT ORG MNTNCE SHOP	A
211E	ACFT ENGINE RPR SHOP	A
211F	GNRL PUR AFT MNTC SHOP	A
212A	MSL MAINTENANCE SHOP	A
213A	AMPHIB VEH MNTNC SHOP	S
213B	SHIP REPAIR SHOP	S
214A	COMBAT VEHICLE SHOP	T
	AUTO VEHICLE SHOP	A
	REFUELING VEHICLE SHOP	T
	TANK SHELTER	T
	COMBAT VEHICLE SHOP	D

Code	Description	LSA Code
214B	AUTO VEHICLE SHOP	T
214C	REFUELING VEHICLE SHOP	A
214X	TANK SHELTER	T
215A	COMBAT VEHICLE SHOP	T
216A	AMMUN MAINTNCE SHOP	D
217A	COMM/ELECTRONICS SHOP	T
217B	AVIONICS SHOP	A
218A	CNSTRN & MTRL EQUPMNT	T
218C	GROUND SUPPORT SHOP	A
218D	PARACHUTE/DINGHY SHOP	A
219A	FACILITIES MAINTENANCE	T
411A	SHIP FUEL STORAGE	P
411B	AVAITION GAS STORAGE	P
411C	DIESEL FUEL STORAGE	P
411D	MOGAS STORAGE	P
411E	JP FUEL STORAGE	P
411F	HEATING FUEL STORAGE	P
411G	DEMNRLZD WATER STORAGE	A
411H	LIQUID FUEL STORAGE	P
421A	CVRD AMMUNITION STORAGE	D
422A	READY AMMUNITION STORAGE	D
425A	OPEN AMMUNITION STORAGE	D
431A	DEPOT COLD STORAGE	D
432A	BASE COLD STORAGE	D
441A	DEPOT CVRD STORAGE	D
442A	BASE COVERED STORAGE	D
451A	DEPOT COVERED STORAGE	D
452A	INST OPEN STORAGE	D
510A	IN-PATIENT FACILITY	T
510B	FLEET HOSPITAL	T
530B	MEDICAL LABORATORY	T
540A	DENTAL FACILITY	T
540B	DENTAL LABORATORY	T
550A	OUT-PATIENT FACILITY	T
560A	CONVALESCENT CENTER	T
610A	ADMINISTRATION FACILITY	T
610B	OPER/LOGISTICS FACILITY	T
721A	ENLISTED TROOP HOUSING	T
722A	DINING FACILITY	T
724A	OFFICER TROOP HOUSING	T
725A	EMERGENCY TROOP HOUSING	T

Code	Description	LSA Code
725B	EMERGENCY TROOP MESSING	T
730A	CFT & BASE FIRE STATION	T
730B	CONFINEMENT FACILITY	T
730E	LNDRY/DRY CLNG FACILITY	T
730F	POW CAMP	T
811A	ELECTRICITY SOURCE	U
811B	ELEC SUBSTATION	U
811E	ELECTRN INITIAL	U
811F	ELEC PWR PLANT BLDG	U
812A	ELECTRICITY DISTRIBUTION LINES	U
812B	PERIMETER LIGHTING	U
812H	HEATING PLANT	U
813A	ELECTRICAL STATION	U
821H	BOILER PLANT	U
822A	STEAM LINES	U
831A	SEWAGE TREAMENT	U
832A	SEWAGE COLLECTION	U
841A	WATER SOURCE-CONSUMP	U
841B	POT. WATER TREATMENT FACILITY	U
841C	POT. WATER STORAGE FACILITY	U
842A	POT. WATER DISTRIBUTION LINES	U
843A	WATER SOURCE, FIRE PROT	T
850R	MSR MAINT/REPAIR	D
851A	ROADWAY	D
851B	ROADWAY BRIDGE	D
851R	PORT MNTNC AND REPAIR	S
852A	HARDSTAND SY	D
853B	TRAILER TRANS PT	D
860A	RAILROAD TRACK MILES	D
860B	RAILROAD BRIDGE	D
870A	FACILITY HARDENING	T
872A	SECURITY FENCE	T
872B	BARRIERS	T
872C	GUARDS/WATCH TOWERS	T
872D	DEFNSVE FIGHTNG POSI	T
872E	DEFENSIVE MINEFIELDS	T
DMMY	DUMMY CATEGORY CODE	T
HVTE	HARVEST EAGLE	T
OPR	OPERATIONS & MAINTENANCE	

Table H-5. Facility Priority Codes

Code	Description
C	Critical
E	Essential
N	Necessary

Table H-6. List of Fractionable Component

Code	Description
W	Whole
F	Fractionable

Table H-7. Facility Project Class Codes

Code	Description
B	Beddown
C	New Construction
F	Follow-on Construction
G	Follow-on Restoration
R	Restoration
W	Emergency repair

Table H-8. LSA Codes, Descriptions and Their Corresponding Graph IDs

Code	Graph id	Description
P	POLSD	POL
A	APRTS	Airfield
S	SPRTS	Seaports
U	UTILS	Utilities
T	TRSUP	Troop Support
D	WAREH	Storage
N	none	None - Nil
"	none	None

Table H-9. Planning Factor Types

Name	Description
Equipm	Equipment
People	People
Totpop	Total Population
Bybase	Per Base

Table H-10. Requirement Type Codes

Code	Description
1	Repair Asset
2	Unit Allocated
3	Repair Unit Allocated
4	Planner Input
5	Repair Planner Input
6	Total Base Population
7	Repair Total Base Population
8	Per Base
9	Repair Per Base
10	Aircraft Density
11	Repair Aircraft Density
12	Unit Population
13	Repair Unit Population
14	Vehicle Density
15	Repair Vehicle Density

Table H-11. Requirement Categories

Code	Description
M	Medical (Not Available)
A	Ammunition(Not Available)
O	O and M (Not Available)
U	Unit Allocated
I	Planner Input
F	Fuels (POL) (Not Available)
B	Base
P	Population
N	None (Nil)
"	None

Table H-12. Self Sustainability Code

Code	Description
"	none
C	Combat
V	Host Nation
N	Noncombat

Table H-13. Support Structure Index

Code	Description
1	Ammunition
2	POL
3	General Supplies
4	Medical Supplies
5	Unassigned

Table H-14. Unit Type Codes in the Troop.txt File

1st Char	Unit Type Definition
0	INFANTRY
1	ARTILLERY-AIR DEF MISSILE
2	AMOR-ANTI TANK
3	AVN FLT UN, MISSION ACFT
4	ENGINEER, TOPO SERVICE
5	WARSHIP, CRAFT, ADMIN
6	COMMUNICATIONS-ELECTRONIC
7	TACTICAL CONTROL, WEATHER
8	UNCONVENTIONAL WARFARE
9	MISC SPT, CMBT SERVICE SPT
A	MULTI-FUNCTION TASK ORG
B	-not used -
C	COMMAND HEADQUARTER
D	CIVIL GOVT
E	ELECTRONICS
F	MEDICAL
G	CHEMICAL
H	MAINTENANCE
I	-not used-
J	SUPPLY, SUPPLY SUPPORT
K	RESEARCH AND DEVELOPMENT
L	ADMIN/POSTAL COURIER
M	FLEET AUXILIARIES
N	COMPOSITE SERVICE
O	-not used-
P	INTELLIGENCE, COUNTER INTELLIGENCE
Q	MILITARY POLICE SECURITY
R	PERSONEL ADMIN INFO
S	FINANCE, COMPTROLLER
T	TRAINING, NAVAIR TRAINING
U	TRANSPORTATION
V	CIVIL AFFAIRS, MIL ASIST
W	NAVY AIRCRAFT DEV & MAIN
X	SUPPORT SERVICES
Y	-not used-
Z	ARMORED CALVARY RECON

Table H-15. Using Service Codes

Code	Description
A	Army
M	Marines
N	Navy
F	Air Force
P	Coast Guard
J	Joint

Table H-16. Unit of Measure Codes

Codes	Description
BD	Beds
BL	Barrels
CF	Cubic Feet
CY	Cubic Yard
EA	Each
FB	Feet of Berthing
FT	Feet
GA	Gallons
GM	Gallons per Minute
KG	Thousands of Gallons
KV	Kilovolt-Amperes (KVA)
KW	Kilowatts
LF	Linear Feet
MI	Miles
MN	Men
OL	Outlets
SF	Square Feet
SY	Square Yard

Table H-17. Listing of Field ranges

Field	Range
Aggregation Time (first/last day)	0 to 180
Asset on Hand	0 to 99,999,999
Attrition Rate	0.0 to 99.99
Build Date	-99 to 999
Climate Adjustment	0.0 to 99.9
Delay Day Requested	0 to 999
Facility Date Available	-99 to 999
Facility Quantity Required	0.0 to 99,999,999.9
First day Available	0 to 999
Horizontal Construction Man Hours	0.0 to 99,999.9
Last Day Host Nation	0 to 999
Minimum Day to Build	0 to 999
Number of Components Required	0 to 999,999.99
Number of Engineers	0 to 999,999
Personel Replacement Cycle	0 to 29
Project Numbers	1 to 9,999
Required Completion date	-99 to 999
Sub_project Numbers	0 to 99
Skill Substitution	0.0 to 99.99
Scheduled Start date	-99 to 999
Total Project Man Hours	0.0 to 99,999,999.9
Vertical Construction Man Hours	0.0 to 99,999.9

APPENDIX I

JEPES TABLES SHORT NAMES

APPENDIX I
JEPES TABLES SHORT NAMES

The following names are the short names of JEPES tables and can be used in SQL queries:

Long name:	Short name:
Base_Fac_Construction_Policy	BFCP
Cargo_Aggregation_Period	AGG_PERIOD
Deployed_Eng_Sensitive_Unit	TROOP
Engineering_Support	ENG_SUP
Engineering_Unit_Capability	ECAPB
Equipment_Planning_Factor	EQP_FAC
Facility_Category	FAC_CAT
Facility_Requirement	FAC_REQ
Facility_Category_Substitution	FAC_CAT_SUB
Facility_Component	FAC_CMPNT
General_Planning_Factor	GEN_FAC
Plan_Fac_Construction_Policy	PFCP
Planner_Input_Requirement	PLAN_REQ
Unit_Equipment	UNT_EQP
War_Damage_Factor	WAR_DAM